

GENERAL INDEX  
TO THE  
ANNALS *of* SURGERY

A MONTHLY REVIEW  
OF SURGICAL SCIENCE AND PRACTICE

VOLUMES ONE TO FIFTY  
1885-1909

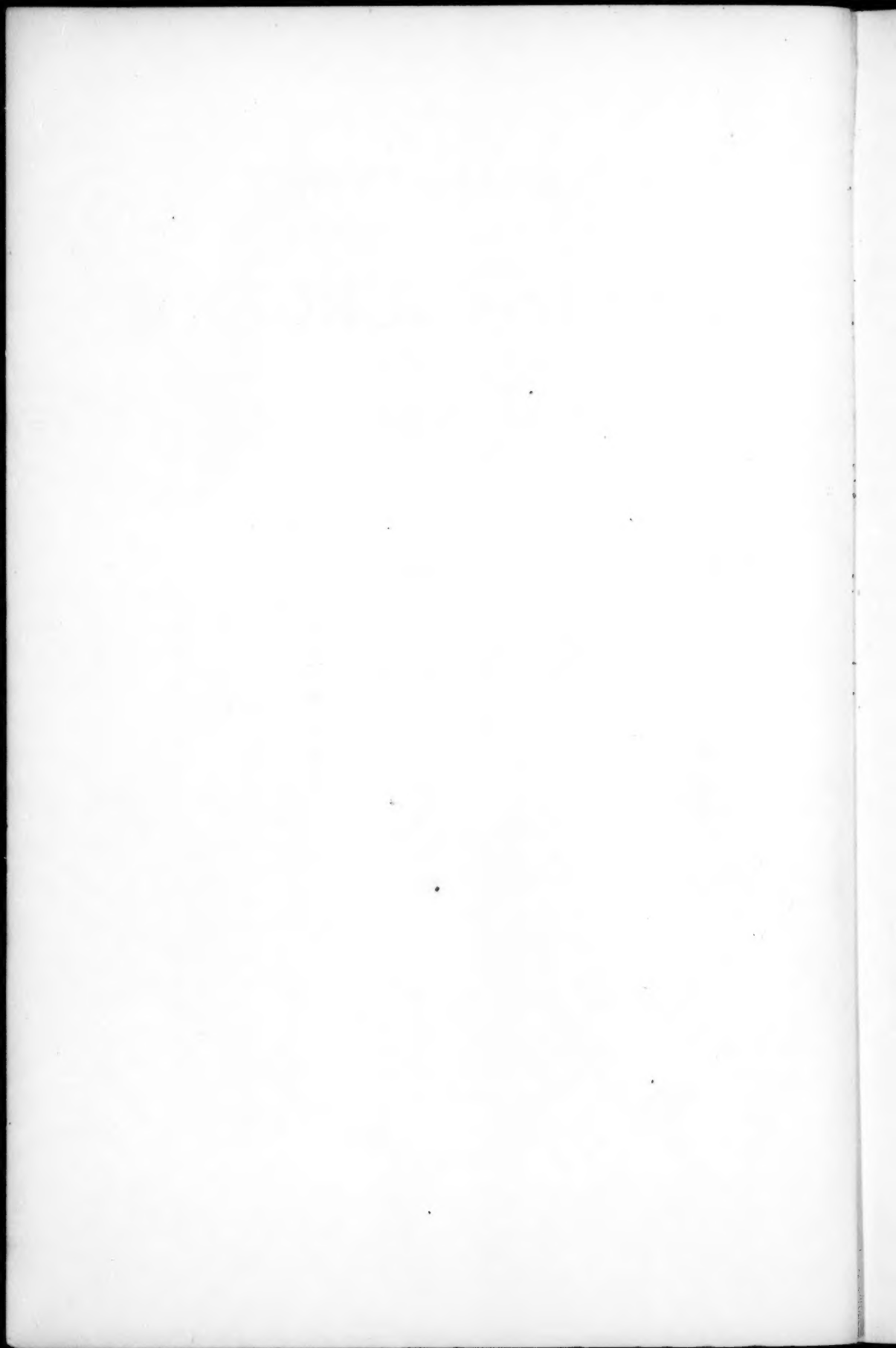
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PHILADELPHIA  
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# GENERAL INDEX

## TO THE ANNALS *of* SURGERY VOLUMES ONE TO FIFTY

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ABBE, ROBERT: Abdominal route of approaching rectal tumors, **xxxvi**, 222; acute cirrhosis of the liver in a child, **xxii**, 515; administration of ether, **xxviii**, 524; aneurism treated by introduction of catgut or of wire with electricity, **vi**, 307; aneurismal varix of the hand, **xix**, 364; angioma of entire upper extremity, **xxv**, 361; button anastomosis of colon for carcinoma, **xxi**, 71; cerebral abscess from otitis media, **xxiii**, 66; cholecystenterostomy by Murphy's button, **xxi**, 73; cocaine anæsthesia in laparotomy, **xix**, 90; cocaineization of nares preliminary to general anæsthesia, **xxiii**, 64; coccygeal cyst, **xx**, 172; collapsing dermoid cyst, **xxi**, 593; colopexy, **xxvi**, 247; cure of tubercular peritonitis, **xxv**, 737; dangers of gastro-enterostomy button, **xxi**, 74; death from use of Murphy's button in treatment of gangrenous strangulated hernia, **xxii**, 515; detection of small renal calculi by the Röntgen rays, **xxx**, 178, 344; diagnosis of tuberculosis of the kidney,

**xxix**, 260; disarticulation at hip, **xx**, 79; dislocations of the humerus complicated by fractures at the surgical neck, **xix**, 493; effects of intracerebral and subcutaneous administration of tetanic antitoxin in nine cases of tetanus, **xxxi**, 273, 366, 370; enterostomy in peritonitis, **xxix**, 117; epithelioma of lower lip, no relapse ten years after removal, **xxiii**, 186; epithelioma of tongue, **xx**, 71; excision of Gasserian ganglion **xxiii**, 60; extradural implantation of rubber tissue over foramina after Hartley's operation for facial neuralgia, **xxv**, 97; final results of X-ray treatment of carcinoma, **xxii**, 608; fixation of the round ligaments in Alexander's operation, **xxiv**, 699; free abdominal dermoids, **xxi**, 609; gall-stone retained with contracted gall-bladder, **xx**, 376; gastro-enterostomy, **xxv**, 746; gastrostomy, **xxvi**, 243, **xxix**, 113; hæmostasis in amputations, **xxi**, 174; hip-joint amputations, **xx**, 182; ileocolic button anastomosis of caput

I

coli for carcinoma, **xxi**, 72; incision for appendicitis, **xxvi**, 227; infection of omentum stump after operations for hernia, **xvii**, 321; inflammation of gall-bladder, **xix**, 246; intestinal obstruction following appendicitis, **xix**, 677; intradural resection of the roots of the brachial plexus, **xxi**, 53; intra-uterine amputations, **xix**, 614; intussusception, **xx**, 419; laminectomy after spinal fractures, **xxi**, 49, 51; laparotomy for typhoid perforation of intestine, **xxiii**, 199; late condition of cases of cesophageal stricture treated by the string saw, **xx**, 733; late result of Humphrey's operation for ankylosis of the lower jaw, **xxvi**, 245; method of dealing with the round ligaments in Alexander's operation, **xxv**, 99; Murphy button in gastro-enterostomy, **xxvi**, 121; nephrectomy for hydronephrosis, **xxv**, 744; nephrectomy for sarcoma of kidney, **xvii**, 68, **xxv**, 745, **xxx**, 317; nephrectomy for sarcoma of kidney without recurrence after five years, **xxvii**, 364; nerve resection and suture for neuroma, **xxi**, 53; neurofibromata of the cervical sympathetic, **xxvii**, 487; cesophageal stricture, **xxv**, 359; operation for traumatic epilepsy, **xxv**, 737; operation for traumatic paraplegia, **xx**, 184; operations for trifacial neuralgia, **xxi**, 322; operative treatment of fractures of the patella, **xxi**, 607; operative treatment of hernia, **xxi**, 591; operative treatment of sarcoma of kidney, **xix**, 58, 92; parietal incision for operation on gall-bladder, **xxiii**, 286; perforating wound of liver, kidney, pleura, and diaphragm, recovery, **xxix**, 492; peritonitis in the male after gonorrhoea, **xxi**, 176; pin in appendix vermiformis, **xxii**, 274; plastic operations for

closure of laryngeal fistula, **v**, 318; plastic operations on hands, **xix**, 611, **xxiii**, 185; preliminary tracheotomy in operations on the upper air-passages, **xxv**, 743; prognosis in melanotic sarcoma, **xxx**, 222; priority of Spence in method of hæmostasis in operations, **xxi**, 303; prognosis after removal of tumors of the suprarenal body, **xxxi**, 760; recurrence of sarcoma of kidney, **xxv**, 360; recurrent sarcoma of the back, and the toxin treatment, **xxii**, 263, 265; relations of surgeons to cases of appendicitis, **xix**, 679; remarks on appliances to replace a destroyed nose, **xxvii**, 773; remarks on gastrostomy, **xxvii**, 652; remarks on operations without general anaesthesia, **xxvii**, 667; removal of gall-stone from common duct, **xxii**, 516; resection of bladder for carcinoma, **xxiii**, 605; resection of bowel for relief of obstruction, **xxv**, 735; resection of caput coli for sarcoma, **xxi**, 592; resection in Charcot's joint-disease, **xxi**, 589; resection of popliteal aneurism, **xxxi**, 761; results of operations for appendicitis without division of muscular fibres, **xxi**, 311; results of operations for carcinoma, **xx**, 73; results of operations for sarcoma of kidney, **xxiii**, 288; results of operation for undescended testicle, **xxx**, 340; rupture of tendon of adductor longus, **xxii**, 517; saline infusion and diabetic coma, **xxii**, 268; sarcoma of kidney, **xx**, 176; sarcoma of kidney, cure, **xxii**, 269, 270; sarcoma of skull, treated surgically and by toxins, **xxiii**, 177; sarcoma of tongue, **xx**, 72; sarcoma of upper jaw, **xxx**, 227, **xlii**, 607; specimen of anthrax bacillus, **xx**, 82; specimen of cystine calculus, **xxi**, 609; specimen of melanosarcoma, **xxi**, 322;

stenosis of cholecystenterostomy aperture ten months after operation by Murphy's button, **xxi**, 485; stenosis of larynx relieved by the string method, **xxxiii**, 521; strangulated hernia, **xxv**, 368; strictures of appendix vermiformis, **xxvi**, 239; string saw in the treatment of cesophageal stricture, **xix**, 88; subdural implantation of rubber tissue following trephining, **xxii**, 385, 386; subdural interposition of rubber tissue in operations for tic douloureux, **xxxvii**, 1; suture of musculospiral nerve, **xxii**, 261; syphiloma of liver, **xxii**, 517; technic of intestinal anastomosis, **xvii**, 322; technic of operations for removal of sarcoma of kidney, **xx**, 376; technic of retrograde dilatation of stenosed cesophagus, **xxi**, 307; transperitoneal compression of common iliac artery during amputations, **xxviii**, 130; transplantation of ureter, **xx**, 183; treatment of fractures of elbow **xix**, 238; treatment of general septic peritonitis, **xxvi**, 236; treatment of injuries of the spinal cord, **xxx**, 335; treatment of knee-joint suppuration, **xxii**, 505; treatment of cesophageal stricture, **xlii**, 604; treatment of rupture of the intestine **xxxiv**, 294; treatment of spine and cord injuries, **xxi**, 484; trephining for epilepsy, **xix**, 617; trephining for epilepsy, with subdural implantation of rubber tissue, **xxv**, 95; trephining and heteroplasty for epilepsy, **xxvii**, 671; urinary obstruction from cyst of prostate, **xxxi**, 762; use of gauze tampons in intestinal surgery, **xxiii**, 293; use of gloves in operative surgery, **xxviii**, 136; use of oxygen gas with ether for anæsthesia, **xxiii**, 194.

**ABBOTT, FRANCIS CHARLES**: Acute primary osteomyelitis of the vertebrae, **xxiii**, 510; neurofibromatosis of the tongue, **xxxvii**, 321.

**Abdomen**, contusion of, discussion at the 1897 French Congress of Surgery, **xxvii**, 384; resulting in necrosis of intestine, **xli**, 136; with rupture of intestine, **vi**, 432, **vii**, 385, **xxxvi**, 965, **xxxix**, 282; with rupture of the mesosigmoid, **xxxv**, 123.

Disappearing tumor of, **xxv**, 524.

Drainage of, after herniotomy, **xxxiii**, 508.

Foreign body in, laparotomy for, **ix**, 228.

Gunshot wounds of **i**, 184, **ii**, 420, 422, 507, **iii**, 89, 243, **vi**, 432, **vii**, 398, 399, **viii**, 147, 149, **xi**, 405, **xii**, 231, 276, 369, **xiv**, 289, **xvi**, 574, **xix**, 90, **xxi**, 79, **xxiii**, 423, 440, **xxiv**, 662, **xxv**, 364, **xxviii**, 487, **xxx**, 217, **xxxiii**, 311, 474, **xxxiv**, 424, 832, **xxxv**, 111, 638, **xxxix**, 100, **xl**, 255, **xli**, 637, **xlvi**, 1049, **xlxi**, 143; of abdomen and thorax, recovery, **xxxvii**, 437; with bullet and wad of clothing in the peritoneal cavity, **xxxviii**, 447; involving the spleen, **xlvi**, 773; involving spleen, stomach, vertebra and spinal cord, recovery, **xlii**, 83; with perforation of the stomach, **xxxix**, 1002; with perforation of stomach and intestine, **xxxviii**, 450.

Healing of, having foreign bodies within cavity of the, under the influence of chemical and microparasitic irritation, **xxiii**, 225.

Injuries and diseases of, **i**, 588.

Modified incisions for opening, **xxxiii**, 489.

Myxosarcomatous tumor of, **iv**, 448.

Paracentesis of, improved trocar for, **iv**, 387.

Prevesical abscesses of, **iii**, 254.

Traumatic injuries of parenchymatous organs of, **vi**, 432.

Ulcer, large phagedenic, of the abdomen, *i*, 605.

Wounds of, closure of one thousand cases, by a new method, without hernia, *xxxviii*, 664; contused, *iii*, 88; gunshot (see Gunshot Wounds of, above); by horn, with prolapse of bowel, *viii*, 146; ideal dressing for, *xv*, 496; overlapping aponeurosis in suture of, *xliv*, 159; penetrating, *xi*, 271, *xii*, 65, *xxxix*, 356, 469, *xli*, 51; principles of the treatment of, *xxvi*, 389; stab, *iii*, 88, 243, *vii*, 397, 398, *viii*, 137, 139, 140, 141, 143, 145, 147, *ix*, 65, 97, 98, 381, *x*, 143, 183, *xix*, 89, *xxviii*, 499, *xxx*, 235, *xxxv*, 400; submitted to abdominal section at Charity Hospital, New Orleans, *xxxv*, 15; suture of, *xix*, 730.

Reviews of Books: Injuries and Diseases of the Abdomen, by H. Morris, *i*, 588; Surgery of the Upper Abdomen, by Deaver, *i*, 952; Surgical Diseases of the Abdomen, by Douglas, *xxxviii*, 466.

Abdominal abscess, with acute diverticulitis of the sigmoid, *xlvi*, 148; removal of knitting-needle from, *xlvi*, 639.

Aneurism, *ii*, 419.

Aorta, aneurism of, treated by wire in sac, *v*, 138.

Bandage, "the suspender," *xlvi*, 922.

Cavity, the, foreign bodies accidentally left in, *xxxiv*, 499, 678; insensibility of, *xxxvi*, 795; inspection of, in postmortems, *xxix*, 731; Lange's cross incision above pubis, *xxxiv*, 431; multiple echinococci in, *xvii*, 241; pedunculated myxoma of, *xxiii*, 295; pin in, *xxxvii*, 949; tampon drainage of, *xliv*, 774.

Colics, surgical treatment of long-lasting, *xii*, 67.

Contusions with rupture of intestine, *xxxv*, 331; associated

with visceral injuries, *xxxvii*, 197; diagnosis and treatment of, *xxxvii*, 107; diagnosis of intestinal injury following, *xxxvii*, 525, 623.

Crises caused by Meckel's diverticulum, *xl*, 742.

Cystic tumor in the male, cases of, *xxv*, 703.

Delivery, choice of methods in, *ii*, 517.

Dermoids, free, *xxi*, 609.

Drainage determined by bacteriological examinations, *xx*, 424.

Hernia, median, *xiv*, 515; radical operation for, *xliv*, 776.

Incisions, some considerations on, *xxvii*, 1.

Injuries, cases of, *iii*, 88; followed by parotitis, *xl*, 886; with intra-abdominal hemorrhage, *xxi*, 326; laparotomy for, *xii*, 66.

Lesions, coincident, *xlvi*, 312.

Muscles, extensive laceration of the, *xxxix*, 979; severe laceration of the, *xl*, 291; tuberculosis of, *xxxii*, 734.

Operations, followed by pulmonary complications, *xl*, 149; question of drainage after, *xxxviii*, 139.

Organs, operation for echinococci of, *iv*, 76.

Sanguineous cyst, *ii*, 507.

Section (Cæsarean), *iii*, 178; for acute intestinal obstruction, *xii*, 231; after-treatment in cases of, *xxv*, 112; in Albany, *vii*, 336; fifty cases of, *ii*, 171; immediately followed by operation for intestinal obstruction, *xvi*, 273; mortality of, *x*, 201; observations in, *i*, 182; peritoneal adhesions after, *xxxvi*, 961; for peritonitis, *xiii*, 148, 212; for recurrent pelvic peritonitis, *xvi*, 481; secretion of urine after, *xxi*, 184.

Surgery, various contributions to, *i*, 362; drainage in pelvic, *xii*, 425; the gauze-bearing tape in, *lviii*, 778; parietal incision in, *xxi*, 365.

- Tumor, diagnosis of, **xvii**, 337; exploratory incisions in, **ii**, 418; resulting from chronic appendicitis, **xxviii**, 264; retroperitoneal, spontaneous disappearance of, after abdominal section, **xxiv**, 757.
- Viscera, cases of postoperative prolapse of, **xlii**, 951; wounds of, complicating wounds of the chest, **xl**, 675.
- Wall, adenoma of sebaceous glands of the, case of, **xl**, 486; abscess, **xlii**, 213; abscess of, communicating with bladder containing calculus, **xliii**, 766; aponeuroses of, approximation of, for the prevention and cure of hernia, **xxxix**, 245; aponeuroses of, overlapping in closure of wounds of, **xliii**, 349; closure of wounds of, **xxxix**, 320; dermoid cyst in, **xxiii**, 296; desmoid fibroma of, **xxx**, 587; excision of half, with peritoneum, **ii**, 76; fibromata of, **iv**, 360; filigree for the repair of large defects in, **xxxviii**, 47; gangrene of fat of, following operations for umbilical hernia, **xxxix**, 606; laceration of, **xl**, 414; lipomatous retrenchment of, **xxxii**, 663; neoplasms of, **xlii**, 220; **xx**, 372; **xxiii**, 200; **xxix**, 363; **xxx**, 587; and pelvis, sarcoma of, **xlvi**, 769; pendulous, fat, resection of the, **xxxiii**, 299; relations of the peritoneum to, with special reference to supra-pubic cystotomy, **vii**, 22; rupture of, with fracture of the pelvis, **xlix**, 433; sarcoma of, **xxix**, 363; suture of, **xxxv**, 297; suture, results in, **xl**, 373, 439; wound of, **xii**, 277.
- Reviews of Books: Abdominal Section for the Treatment of Intraperitoneal Injury, by MacCormac, **vi**, 130; Abdominal Operations, by Moynihan, **xliii**, 475; Abdominal Surgery in War, by J. Greig Smith, **xliv**, 750; Abdominal Tuberculosis, by Maylard, **xlix**, 582; Diagnosis and Surgical Treatment of Abdominal Tumor, by Spencer Wells, **ii**, 274; Text-book of Abdominal Surgery, by Keith, **xxi**, 745; by J. Greig Smith, **vi**, 518, **xviii**, 772.
- Abnormalities of anus and rectum**, **vii**, 55; associated with unilateral hypertrophy of the gums, **iii**, 1.
- ABRAHAM, P. S.: The contagiousness of leprosy, **iv**, 324; excision of the larynx, **iv**, 397; suture of nerves, **vi**, 339.
- Abscess**, alveolar, with thrombosis of cavernous sinus, **iv**, 170.
- Aseptic treatment of, **xxii**, 531.
- Aneurism, or, **xvi**, 129.
- Brain, **ix**, 28, 340; after compound fracture of skull drainage and recovery, **v**, 143; diagnosis and operation for, **viii**, 208, 268, 277, 283; traumatic subdural, **viii**, 241.
- Cerebellar, successfully treated by operation **xvi**, 387.
- Cerebral, and cerebellar, trephining for, **xi**, 352, 355, 356, 357; chronic, **vi**, 480; subsequent to orbital periostitis, **iv**, 334.
- Correction of ankylosis by manual force, acute, after, **viii**, 319.
- Formation, multiple, **xlviii**, 149.
- Gall-stones eliminated through a right iliac, **ix**, 227.
- Gas, **xv**, 399.
- Hemorrhage from larger vessels into, **viii**, 120.
- Hip disease, of, **i**, 494.
- Intra-abdominal—acute diverticulitis of sigmoid, **xlvi**, 148.
- Intracranial, of otic origin, **xviii**, 72.
- Ischiorectal, pointing in iliac fossa, **xxxv**, 657.
- Jaw, of, containing amœba, **xvi**, 580.
- Perineal, incision of deep parietal, **viii**, 56.
- Perinephritic, **vi**, 35.
- Liver, of, **ii**, 77, **iv**, 341, **v**, 212, 236, 346, **xvi**, 570; multiple, **i**, 810; sudden death from introduction of aspirator needle into, **v**, 346.
- Lumbar, treatment of, **iv**, 546.



- Lungs, of, following pleuro-pneumonia, **viii**, 311; operative treatment of acute, **xlvi**, 405, 472.
- Mediastinal, **ix**, 299.
- Medulla oblongata, of the, **xvi**, 165.
- Nephrectomy for, **xxiii**, 282.
- Pancreas, of, **v**, 337.
- Paranephritic, **ii**, 338.
- Pelvic, drainage of, **iv**, 351; laparotomy, **iii**, 532; in the male, **iv**, 245; simulating soft fibroid tumor of uterus, **iv**, 455, subperitoneal, **vii**, 461; treatment of in women, **iii**, 444.
- Perityphlitic, **iii**, 424; implicating right hip-joint, **ix**, 384, **iv**, 242, 243; laparotomy for, **vi**, 78, 508; treatment of, **x**, 382.
- Peri-uterine, laparotomy for, **i**, 393.
- Postcæcal, of appendicular origin, **xxviii**, 665.
- Postpharyngeal, **vi**, 70.
- Prevesical, **iii**, 254.
- Prostatic, followed by stricture of the rectum, **viii**, 221.
- Pulmonary, surgical treatment of, **vii**, 456.
- Retroperitoneal, **xxxv**, 107.
- Retrosternal, **vii**, 455.
- Spinal, treatment of, **xvii**, 502.
- Subperitoneal, **vii**, 461.
- Subphrenic, **xxxiv**, 703, **xlvi**, 628.
- Tongue, of, **v**, 64.
- Tubercular, treated by injections of ethereal solutions of iodoform, **ii**, 493, **xii**, 271; treatment of, **xi**, 152, **xviii**, 108, **xxii**, 104, 122, **xxix**, 393; vertebral, when should they be opened? **xi**, 70.
- Urinary, **i**, 373, **ii**, 85.
- Absorbable plates** for effecting visceral approximation, results obtained by the use of, **xx**, 297; in intestinal anastomosis, **xxi**, 166.
- Academy of Medicine in Ireland**, transactions of, **i**, 590, **viii**, 237.
- Accidents in hernia operations**, **xlix**, 264.
- Acetabulum**, forming a new, in certain resections of the hip, **viii**, 161; tuberculosis of, operative dislocation of head of femur in cases of, **xxxvi**, 579.
- Acetonæmia**, **xli**, 161; after operation for appendicitis, **xxxvi**, 481.
- Acetonuria**, as affected by gauze-ether, **xlvi**, 460.
- Achilles tendon**, researches regarding the healing of, **xvi**, 269.
- Acid**, chronic, local lesions caused by alkaline salts of, **i**, 303; its significance in surgical conditions, **xli**, 161.
- Acoustic nerve**, result one year after craniotomy for sarcoma of, **xlix**, 552; surgery of neurofibroma of, **xl**, 293.
- Acromegalia**, **ix**, 157, 355, **xvii**, 700.
- Acromegaly**, partial hypophysectomy for, **i**, 1002.
- Acromial end of clavicle**, backward dislocation of, **v**, 410; excision of, **iv**, 255, 530.
- Acromioclavicular dislocation**, suture for, **xxxv**, 655; treatment of, **xxvii**, 40.
- Actinomycosis**, **v**, 50, **xiv**, 225, **xxv**, 155, **xxxvii**, 463, **xli**, 627, 641; bacteriology of, **iv**, 217; of the brain, trephining for, **xiii**, 134; of cæcum, **xxx**, 91; of the chest, **xiii**, 211; from the entrance of foreign bodies, **xxiii**, 106, hæmatogenous osteomyelitis from, **xliv**, 739; of the intestine, **xvii**, 230; of lung, **v**, 48, 49, **xiii**, 211, **xvii**, 229; man, in **v**, 342, **xii**, 295, 392, **xxii**, 387, **xxiv**, 371, **xxvi**, 626, **xxx**, 417, 605, 722, **xxxii**, 668, **xxxix**, 459, **xli**, 792; in America, **xxxi**, 235; infection of, **xxxviii**, 292; of stomach and intestines, **xxiii**, 121.
- Miescher's or Rainey's corpuscles in, **xi**, 96.
- Prognosis of, **xvi**, 259.
- Report of sixty cases of, **xxxiv**, 336.
- Studies in, **x**, 71.
- Thigh, of, **viii**, 468.

- Treatment of, **xxxvii**, 465; by potassium iodide, **xxxiii**, 353; value of silver nitrate in, **xxxvii**, 468; of the uterus, **xxiii**, 342.
- Acupuncture** in delayed union of fractures, **xix**, 756.
- Acute infectious myelitis** of the upper end of the femur, **xv**, 490.
- ADAMS, CHARLES**: Gonorrhœal pyelitis eventuating in nephrectomy, **xliii**, 787; hydronephrosis, **xliii**, 784; hydronephrosis and appendicitis, **xliii**, 783; nephrolithotomy, cystonephrosis, **xliii**, 785; popliteal aneurism ruptured by manipulation, **xliii**, 782.
- Adductor longus tendon**, rupture of, **xxii**, 517.
- Adenoid growths in the nasopharynx**, **iii**, 342, **v**, 69; treatment of, **vi**, 502.
- Adenolipoma** of neck, symmetrical, **xlix**, 258.
- Adenolipomatose** symetrique, **xxxvii**, 932.
- Adenoma** of the cæcum, **xl**, 758; cervical, extirpation of, **x**, 246; of kidney, nephrectomy for, **vi**, 37; of rectum, abdominal nephrectomy for, **v**, 160; of thyroid body, papillary cylindrocylindrical, **iv**, 274.
- Adhesions**, pericolic peritoneal, abdominal section for, **xl**, 624, 626.
- Adhesive plaster**, double faced, **xlvi**, 475.
- Adolescence**, flexure of neck of femur in, **ix**, 271.
- Adrenal tumors**, **xxxix**, 299; bone metastases of, **xliv**, 851.
- Adrenalin**, use of, as local hæmostatic in urethral and bladder operations, **xxxvi**, 799.
- Adynamic and dynamic ileus**, **xliv**, 141.
- Aerogenes capsulatus bacillus**, as a cause of emphysematous gangrene, **xix**, 187.
- Africa, Surgical Experiences in**, by George H. Makins (review of), **xxxvi**, 807.
- Agar-agar injections** to produce connective tissue, **xxxiv**, 273.
- Age of the Domestic Animals**, by Huidekoper (review of), **xvi**, 397.
- Aged persons**, injuries from falls on the buttocks in, **xxxvii**, 388; laparotomy in, **xvii**, 630; operative procedures upon, **xviii**, 426.
- AGNEW, D. HAYS**: Adam's Life of, review of, **xvii**, 635.
- Aid to the Injured** (reviews of books), Handbook of First Aid to the Injured and Sick, by Warwick and Tunstall, **xxxvi**, 317; Manual of Instruction in Aid to the Injured, by Doty, **xxviii**, 154.
- Air-distention of the bladder** in suprapubic cystotomy, **xvii**, 667, **xxv**, 141, 180; in operations upon the biliary passages, **xxix**, 137.
- Embolism**, **i**, 517, **ii**, 22, 129, 198.
- Insufflation**, intra-arterial, **ii**, 28.
- Passage and cut-throat wounds** closed by immediate suture, **xvii**, 490.
- Passages**, foreign bodies in the, **xiii**, 369; **xxxvi**, 847; **xxxix**, 1019.
- Review of Book: Injuries and Diseases of Air-passages**, by J. L. Cohen, **i**, 585.
- Airol** as a substitute for iodiform, **xxv**, 371.
- ALBERT, FREDERICK**: Primary sarcoma of the spleen, **xl**, 80.
- Alcohol injections**, aneurisma racemosum cured by subcutaneous, **iv**, 67; facial neuralgia treated by, **xlvi**, 783.
- ALDRICH CHARLES J.**: Traumatic rupture of the mesenteric arteries, **xxxv**, 342.
- ALESSANDRI, ROBERTO**: Divulsion in cesophageal stricture, **xl**, 870; surgical intervention in tuberculosis of the meninges and in the brain, **xliii**, 161.
- ALEXANDER, E. G.**: Case of stasis cyanosis in epilepsy, simulating traumatic asphyxia, **xlix**, 762, 877.
- ALEXANDER, SAMUEL**: Infarcts of kidney, **xlix**, 542; intraperitoneal rupture of the bladder

- treated by laparotomy, **xxxiv**, 209; nephrectomy for tuberculosis, **xlvi**, 453; observations on the pathology and operative treatment of prostatic abscess, **xliv**, 533, 563; papilloma of the bladder, **xxxiii**, 641; perineal prostatectomy, **xxxvi**, 267; prostatic and periprostatic abscess, **xlvi**, 883; rupture of pelvic abscess into bladder, **xxxv**, 106; technic of nephrectomy, **xlvi**, 612; treatment of prostatic abscess, **xli**, 135; treatment of undescended testis, **xxxiv**, 296; tumors of bladder, **xliv**, 553.
- ALEXANDER, W.: Cure of some uterine displacements by shortening the round ligaments, **i**, 426.
- Alexander's operation, **iv**, 42, 365; fixation of the round ligaments in, **xxiv**, 699; technic of, **xxv**, 99.
- Alimentary canal, nomenclature of operations upon, **xxvi**, 289; passage of a large piece of glass through the, **xviii**, 579.
- ALLEN, ALFRED R.: Luxation of spinal vertebræ, **xlvi**, 142, 144.
- ALLEN, DUDLEY P.: Infections of the knee-joint, **xliv**, 132; pneumococcus arthritis, primary, in the knee-joint, **xxxiv**, 527; removal of a thyroid sarcoma under cocaine anæsthesia, **xxv**, 720; sterilized water for operating-rooms, **xxx**, 501; surgery of the vascular system, **xlvi**, 482; treatment of perforative peritonitis, **xlvi**, 1047.
- ALLEN, F. O.: Ruptured ectopic pregnancy during typhoid fever, **xlvi**, 321.
- ALLEN, HARRISON: The structure of the tonsil, **xxvi**, 133.
- ALLEN, H. R.: Hare-Lip traction absorber, **xliv**, 591.
- ALLIS, OSCAR H.: Aneurism of the aorta, **xxii**, 392; carbolic acid in surgery, use of strong, **xix**, 695; deportment of needles penetrating the tissues, **xxv**, 614; dislocations of the semilunar cartilages of the knee-joint, **xxviii**, 535; drainage through the rectum of pelvic abscesses due to appendicitis, **xxiii**, 272, 298; drainage in the treatment of injuries and diseases of the cranium, **x**, 40; employment of the needle-holder whenever in surgical operations suturing is required, **xxix**, 162, 263; examination of head injuries, **xxxiv**, 187; exploratory laparotomy in high-lying carcinoma of rectum, **xxiii**, 477; false aneurism of the femoral artery, **xlvi**, 465; fractures of the coronoid process of the ulna, **xxiii**, 448; gangrene of the rectum, **xxviii**, 394; gastro-enterostomy with the Murphy button, **xxiii**, 476; hip-joint dislocation with fracture of the neck of the femur, **xxiii**, 210; infection of wound after extirpation of breast, **xxxvi**, 454; injuries to nerves following fractures of the humerus, **xxiii**, 200; intestinal anastomosis, **xxxv**, 279, 352; laparotomy for gunshot wounds of the intestines, **xxiii**, 207; nailing a recent intracapsular fracture of the femur, **xlvi**, 469; new needle-holder, **xxv**, 750; non-absorbable suture and ligature, **xlvi**, 758; obturator dislocation, **xv**, 425; open measures in the treatment of fractures, **xxv**, 698, 760; osteotomy for hip ankylosis, **xliv**, 875; plastic circumcision of constricted prepuce, **xlvi**, 610; prognosis in cases of strangulated umbilical hernia, **xx**, 189; results of falls on the buttocks in the aged, **xxxvii**, 388; rupture of the lung without costal injury, **xlvi**, 474; subcutaneous rupture of thigh muscles, **xxxvi**, 450; surgical treatment of general septic peritonitis, **xxi**, 179; traction apparatus for reduction of dislocation of hip, **xxxviii**, 890; treatment of fractures,



- xxxix, 817; of fractures of the femur, xlvii, 1037; of gall-stones impacted in the common duct, xxxvii, 115.
- Altitudes, high**, comparison of results in operative surgery at, and at the sea-level, xxvi, 297; effect of, in aggravating surgical shock, xxv, 430.
- Alveolar abscess** with thrombosis of cavernous sinus, iv, 170.
- Alveolar border of inferior maxilla**, resection of, for neuralgia, ii, 260.
- Ambulant treatment** of fractures of the lower extremity, xxi, 187, xxiii, 240, 462, xxiv, 69, xxvii, 611; in children, xxiv, 481; of ulcers of the leg, xlv, 792; of varicose veins of the leg, xlv, 792.
- AMEZAGA, GAULTERIO DE**: Arthroplasty for tuberculosis of the elbow, xlv, 617.
- AMIDON, R. W.**: Statistical contribution to cerebral surgery, i, 197.
- Amœbæ** in abscess of jaw, xvi, 580.
- Amœbic abscess**, of liver, xl, 448.
- Dysentery**, surgical treatment of, xxxiii, 574.
- Amputation** at ankle-joint, new osteoplastic method of, xxxix, 790; Tauber's, v, 52.
- Arm** in an hæmophilic, of, xvii, 499; osteoplastic, xxxiii, 636, 709; and scapula by Berger's method, viii, 434.
- Breast**, of, v, 512.
- Childhood**, in, conical stump after, xxxi, 486.
- Compound**, in fractures, v, 76.
- Digits**, of, under cocaine, v, 417; reunion after, v, 263.
- Entire upper extremity**, of the, xxvi, 733; viii, 434. (See also Interscapulothoracic Amputations.)
- Erlangen**, at, ii, 257.
- Extremities**, of, Neudörfer's method, xx, 355.
- Foot**, of, new osteoplastic, viii, 441; xii, 273.
- Forearm**, of, after inoculation-tuberculosis, iv, 424; and thigh, v, 86.
- Gangrene**, diabetic in, revision of teachings regarding, vi, 139; senile gangrene in, ii, 331.
- Gritti-Stokes**, X-ray findings in a case of, xliii, 751.
- Hip-joint**, at, iv, 185, vi, 46; contributions to study of, xvii, 1; digital compression of common iliac vessels in, xxii, 404; reinjection of blood during, iii, 512; for sarcoma of femur, xxix, 110.
- Interilio-abdominal**, l, 925.
- Interscapulothoracic**, of upper extremity, iv, 530, v, 346, viii, 434, xi, 88, xxvi, 733, xxix, 384, xxxi, 633, 686, xxxiv, 320, xli, 267, xlvii, 785.
- Joint-disease**, for, in coexisting lung tuberculosis, v, 101.
- Leg**, of, vi, 46, 66; osteoplastic xli, 452; results of Von Brun's subperiosteal method of, xxix, 781; through leg in an octogenarian, iii, 490.
- Major**, avoidance of shock in, by cocaineization of large trunks, xxxvi, 321; results in, xxi, 340, 123; statistics of six hundred, xxii, 358.
- Penis**, of, xii, 286.
- Shoulder-joint**, of, control of hemorrhage in, xviii, 321.
- Simultaneous quadruple**, viii, 220, viii, 153, 154; triple, ix, 145, x, 464.
- Stumps**, formation of, after the method of Bier, xxx, 774; of leg, improvement of, xviii, 584; of lower limbs best adapted for artificial limbs, xv, 314.
- Technic** of, xxi, 215.
- Thigh**, of the, under cocaine, iii, 425; osteoplastic, vii, 294; osteoplastic intercondylar, xxxi, 131.
- Uterus**, of, high, iii, 532; inverted portion, by the ligature, iv, 372; septic, for cure of puerperal disease, v, 453.
- Review of Book: Amputations**, by Watson, ii, 275.
- Amygdalotomy, hemorrhage** after, vi, 148.

**Anæmia**, artificial, and asepsis, **xviii**, 456; sequestration, producing anæsthesia for excision of tongue, **xlvi**, 124; splenectomy for splenic, **i**, 484.

**Anæsthesia**, **xvi**, 162, 250; administration of, **ix**, 317; contagion through the use of ether inhalers, **vi**, 137; death during, from choking with vomit, **xxvii**, 372; death under partial ether, **v**, 346; by ether, clinical notes on, **xx**, 676; by gauze-ether drop method, **xlvi**, 460; general, modified by a new method, **xvi**, 254; general, by Schleich's mixtures of petroleum and ether, **xxviii**, 266; improved methods of, **xxviii**, 274; intravenous local, **i**, 782.

Local, **xxxviii**, 825; adequacy of, for inguinal hernia operations, **xlvi**, 871; infiltration, **xvi**, 163; in operations for the radical cure of hernia, **xxxi**, 1; in operations for strangulated hernia, **xxxiv**, 178; local solutions for, **xxix**, 777.

Nature's means of securing, **xxxvi**, 474.

Nitrous oxide and ether, by, **xxx**, 709.

Operations without general, **xxvii**, 581, 667.

Oxygen and ether, by, **xxiii**, 194, **xxviii**, 272.

Preceded by cocaineization of the nares, **xxiii**, 1, 62, 233.

Rectal, **xlvi**, 589.

Scopolamine and morphine, by, **xxxvii**, 149, **xlvi**, 185, 193, 640.

Sequestration anæmia, after, **xlvi**, 124.

Spinal, present status of, **xlvi**, 941.

Statistics of, **xx**, 594.

Vomiting after, relieved by compression of the phrenic nerve, **xvii**, 611.

Reviews of Books: Anæsthesia, by Hewitt, **xix**, 383; Anæsthesia for the Extraction of Teeth, by Vian, **vii**, 80; Local Anæsthesia and Cocaine Analgesia, by Manley, **xxi**, 251; Manual of Anæsthesia,

by Turnbull, **xxviii**, 296; Manual of Surgical Anæsthesia, by Terrier, **xx**, 128.

**Anæsthetic**, cocaine as an, **iii**, 51, 425; effects of cocaine, prolongation of, **ii**, 409; properties of dimethyl acetate, **i**, 571.

**Anæsthetics**, **vi**, 327; in children, comparative value of, **xxxix**, 814; their consequences in the days immediately following operation, **xix**, 720; deaths from, in 1884, **ii**, 409; in 1885, **iii**, 512; effect of, on blood-pressure, **xxxvi**, 302; effect of, on the kidneys, **xix**, 630; influence of, on effects of sensory irritation, **xxxi**, 377; influence of nephritis on the safety of, **vi**, 141, 142; in operations for typhoid perforations, **xxxvii**, 287; in oral and nasal surgery, **xiv**, 412; practical points in administration of, **vi**, 214; regulable dropping device for administration of, **xli**, 120; statistics of, **xviii**, 457, **xxiii**, 232.

Review of Book: Anæsthetics, by Buxton, **xlvi**, 960.

**Anal Surgery**, by Andrews (review of), **xi**, 155.

**Analgesic**, theine, a new, **iii**, 158.

**Anaphrodisiac effect** of cocaine, **x**, 445.

**Anastomosis**, arteriovenous, **xli**, 333; external and internal popliteal nerves for infantile paralysis, **xliv**, 453; of hollow viscera, a new instrument to facilitate, **xxxiii**, 179, 207.

Intestinal, **xv**, 391; Abbe's method of, **x**, 283; end to end, **xlvi**, 92; forceps for, **xxix**, 297; by invagination, **xlvi**, 690; Jaboulay's button for, **xl**, 282, **xlvi**, 744; lateral, with later perforation of blind end of gut, **xlvi**, 562; for malignant stenosis, **xix**, 172; for malignant stenoses, final results of, **xviii**, 669; by a method preventing subsequent contraction of the orifices, **xviii**, 313; a practical substitute for decalcified bone

- plates in, **xvi**, 274; technic of, **xvii**, 322.
- Neoplasm, for, **xviii**, 664.
- Peritoneal, for cirrhotic ascites, **xxxi**, 489.
- Secondary to enterectomy, **xviii**, 322.
- Anatomical model**, a well proportioned, **xxxviii**, 120.
- Neck of humerus, fractures through, **xl**, 945, 968.
- Anatomy** (reviews of books on):
- Anatomy in its Relation to Art, by McClelland, **xxxv**, 434; Anatomy and Surgery of the Frontal Sinus, **xxix**, 73, 175; Anatomy of Upper Extremity, by Schüller, **iv**, 284, 291; Applied Anatomy, by Woosley, **xxxviii**, 470; Atlas of Human Anatomy, by Bock, **vii**, 318; by Sobotta and McMurrick, **xlvi**, 158, 165, **xlvi**, 318; Atlas of Surgical Anatomy, by Hencke, **i**, 189; Clinical Anatomy, by Eisendrath, **xxxviii**, 936; Clinical Applied Anatomy, by Box and Eccles, **xliv**, 477; Essentials of Anatomy, by Nancrede, **ix**, 478; Essentials of Pathology and Morbid Anatomy, by Semple, **x**, 479; Handbook of Surgical Anatomy, by Wright and Preston, **xli**, 800; Human Anatomy, by Piersol, **xlvi**, 149; Introduction to Pathology and Morbid Anatomy, by Green, **xxiii**, 253; Laboratory Manual of Human Anatomy, by Barker, **xl**, 156; Lectures on Surgical Anatomy, by Juvard, **xxix**, 786; Manual of Anatomy, by Haynes, **xxiv**, 777; Manuscript Lectures on Anatomy, by Harvey, **vi**, 527; Microscopical Anatomy, by Lee and Hennequy, **vii**, 77; Pathological Anatomy, by Birch-Hirschfeld, **vii**, 78; *Idem*, by Ziegler, **vii**, 78; Pathological Anatomy and Histology, by Lazarus-Barlow, **xxxviii**, 158; Pocket Text-book of Anatomy, by Rockwell, **xxxvii**, 796; Practical Anatomy, by Cuning-

ham, **xxxviii**, 939; *Idem*, by Heath, **xxxviii**, 461; Regional Anatomy, by McClelland, **xv**, 164, **xvi**, 494; Studies in Surgical Anatomy of the Small Intestines, **xl**, 543; Surgical Anatomy of the Kidneys, **ii**, 286; Synopsis of Human Anatomy, by Young, **x**, 480; System of Human Anatomy, by Allen, **ii**, 356; Text-book of Anatomy, by Cunningham, **xxxvii**, 633; *Idem*, by Gray, **viii**, 79, **xxiv**, 176, **xxxv**, 551; Text-book of Clinical Anatomy, by Eisendrath, **xxxviii**, 936; Text-book of Human Anatomy, by Gerrish, **xxx**, 244; Text-book of Surgical Anatomy, by William Francis Campbell, **xl**, 583; Topographical Anatomy, by Merkel, **vii**, 319; Treatise on Human Anatomy, by Leidy, **x**, 317; Treatise on Surgical Anatomy, by Deaver, **xxxi**, 137, **xxxii**, 865, **xxxviii**, 459; Vade Mecum of Surgical Anatomy, by Roser, **v**, 461.

ANDREWS, EDWARD WYLLYS: Abdominal wall suture, **xl**, 440; actinomycosis, **xli**, 629; acute dilatation of the stomach, **xl**, 470; Bottini's operation for prostatic hypertrophy, **xxxv**, 836; the bottle operation for hydrocele, **xlvi**, 915, **xlvi**, 480; carcinoma of head of pancreas, **xl**, 473; carcinoma of the thyroid gland, **xl**, 630; decapsulation for chronic nephritis, **xxxix**, 617; destroying the urogenital diaphragm as a means of relieving prostatic ischuria, **xl**, 874; dislocation of metatarsophalangeal joint, **xl**, 631; drainage in gall-bladder surgery, **xli**, 318; drowning of patients in fecal vomit during operations, **xxxvii**, 862; fractures of the spine, **xxxviii**, 310; friability of intestinal walls as an obstacle to enterorrhaphy, **xli**, 306; ileus, **xxxiii**, 498; intussusception, **xl**, 473; late results of separation of lower

femoral epiphysis, **xxxv**, 663; law of accelerating risk in cancer, **xlii**, 903; lymphatic affections secondary to appendicitis, **xlii**, 629; omental grafts, **xlvi**, 630; prostatectomy, **xli**, 313; recovery after operation for perforating typhoid ulcer, **xxxvi**, 623; recurrences after gall-stone operations, **xxxvi**, 157; sarcoma and myeloma of stomach, **xliv**, 638; surgical treatment of hemorrhage from gastric ulcer, **xxx**, 393; technic of intestinal anastomosis, **xxxiv**, 849; technic of operations on the head and neck, **xliv**, 465; tibiofibular and astragalofibular osteoplasty to prevent leg-shortening after osteomyelitis in adolescents, **xliv**, 471; tuberculosis herniosa and appendicitis tuberculosa, **xxxiv**, 787; the use of the McGraw elastic ligature in gastro-enterostomy, **xxxix**, 145.

**Aneurism or aneurisms, abdominal, ii**, 419.

Abdominal aorta, of, **vii**, 214; simulating a solid tumor, **xvii**, 314; abdominal aorta, of, treated by wire in sac, **v**, 138.

Abscess, or, **xvi**, 129.

Aorta, of, arch of, and anony-ma, **v**, 57; **vii**, 214; **ix**, 326; descending, of, successfully treated by Bacelli's method, **xvi**, 164; electropuncture for, **xii**, 366; and subclavian, **xxxii**, 452; thoracic, treatment of, by introduction of wire and electricity, **xxxiv**, 143.

Anastomosis, or, on head, **ii**, 415.

Arteriovenous, **iii**, 517; of the axillary artery and vein of fourteen years' duration, **xvii**, 37; of femoral vessels, **xiv**, 400, **xxxi**, 753, **xxxix**, 767; treatment of, **xxxix**, 767.

Axillary artery, of, **viii**, 362; ligature of subclavian artery for, **iii**, 516; sudden disap-

pearance of, **v**, 141; traumatic, **ii**, 344.

Bone, of, pathology of, **xxxvii**, 834.

Carotid, common, of, cured by ligature, **xvi**, 433; distal ligation in, **xxxv**, 280.

Carotid artery, internal, of, traumatic, **iv**, 164; causing pulsating exophthalmos, **xxxix**, 649; **xlvi**, 928.

Causes and development of, **vi**, 419; and therapy of, **iii**, 339.

Cervical, thoracic, and abdominal, treatment of, **xviii**, 283.

Cirsoid, of, dorsum of foot, **i**, 369; excision of, after ligation of external carotid artery, **xxxiv**, 414; of infectious origin, **xxix**, 293; of scalp, **ii**, 415, **xi**, 93; treated by simultaneous ligation of both external carotids, **vi**, 67.

Cure of, by arteriorrhaphy, **xxxvii**, 161; by inducing white thrombi in the sac, **xiii**, 48.

Diffuse, **xxii**, 391.

Ductus arteriosus, of, **vii**, 214.

External treatment of, **x**, 447.

Extirpation of, **xvi**, 242, **xix**, 78.

Femoral artery, of the, **xxix**, 357; false, **xlvi**, 464; ligation of external iliac artery for, **xxxi**, 256; traumatic, **iv**, 333; traumatic endo-aneurismorrhaphy in the treatment of, **xlvi**, 261; superficial traumatic, excision of, **xxix**, 605.

Four large arteries, of, successfully treated by ligatures, **xvii**, 369.

Fusiform, treated by Matas's method, **xxxviii**, 493.

Gluteal, **v**, 55; and sciatic, spontaneous, **v**, 55.

Iliac artery, external, of, apparently cured by needling, **xvii**, 312; of both external iliac arteries, traumatic, **xxii**, 389; cured by compression, **xiv**, 401; of external iliac artery, diffuse, **i**, 483; extirpation of, **xxxiii**, 473; extraperitoneal ligature for, **xliv**, 96; left, **vii**, 214; transperitoneal ligation for, **xli**, 620; treated by ligation of

- common iliac, **xxviii**, 128; treatment of, by digital compression, **xxxviii**, 498.
- Iliac and femoral arteries, of, cases of, **xxii**, 802.
- Iliac artery, internal, of, ligature of common iliac for, **iv**, 519.
- Inguinal artery, **ii**, 429.
- Innominate artery, of, **vii**, 215; cured by electrolysis through coil of wire introduced into sac, **xxvi**, 646; high, **i**, 582; ligature for, **xxvi**, 512; ligature of carotid and subclavian for, **v**, 538, **vi**, 147; results of ligation for, **xxxvi**, 960; treated by simultaneous distal ligation of the right common carotid and right subclavian arteries, **xlii**, 336.
- Inquiry into the use of the ligature in treatment, **i**, 13.
- Introsseous artery, of, **vii**, 214.
- Intracranial, cured by ligature of common carotid artery, **xiv**, 410.
- Knee, above, and to inner side, **xxvi**, 511.
- Limbs, of, treatment of, **xi**, 235.
- Malar artery, of, traumatic, **ix**, 225.
- Obturator artery, of, sudden disappearance of supposed, **v**, 139.
- Occipital artery, of, **vii**, 214.
- Operative treatment of, **xxii**, 802, **xxxi**, 120.
- Orbital, ligature of common carotid artery for, **xxii**, 389.
- Persons under twenty, in, **vii**, 213.
- Popliteal, **vi**, 48, **vii**, 214, **xxii**, 392, **xxix**, 608, 617, 1, 489, 860; cured by digital compression, **xii**, 356; by pressure, **iv**, 333; gangrene of foot after ligation of femoral artery, **xxxii**, 612; Matas's operation for, **xli**, 115, **xlii**, 124; resection of, **xxxi**, 761; ruptured by manipulation, **xliii**, 782; state of femoral artery after ligation for, **vi**, 65; treatment of, **iii**, 514.
- Predisposing causes of, **ii**, 499.
- Racemose, aggravated case of, **xxxviii**, 496; cured by subcutaneous injections of alcohol, **iv**, 67.
- Retropharyngeal traumatic, **xxxiii**, 341.
- Statistics of, **iii**, 161.
- Subclavian artery, of **i**, 171, **xiv**, 221, **xxxi**, 591, **xxxvi**, 462, **xlii**, 271, **xliii**, 920; additional cases of, **xxiii**, 255; complicated by fracture of clavicle, **xxxvi**, 146; simulating cervical ribs, **xli**, 399; third portion, operative treatment of, **xxii**, 545, 743; traumatic, produced by fractured clavicle, **xxxvii**, 638; treated by excision of the sac, **xxviii**, 1.
- Subscapular artery, of, traumatic, **ii**, 428.
- Superficial palmar arch, of, **vii**, 214.
- Superior profunda humeri artery, of, **xxxiv**, 398.
- Thyroid axis, of the, traumatic, **xliii**, 932.
- Tibial artery, of, anterior, **xxii**, 392; diffused traumatic, **vi**, 66.
- Traumatic, **i**, 476, 477; caused by punctured wound of buttock, **iv**, 33; in child under one year, **ix**, 225.
- Treated by introduction of catgut or wire with electricity, **vi**, 307; by introduction of coagulants, **iv**, 47, 163.
- Ulnar artery, of, **vii**, 214.
- Varicose, of the hand, **xix**, 684; of thigh, **xxii**, 372, 391.
- Vertebral artery, of, traumatic, **xviii**, 477.
- Young people, in, **i**, 59, 363.
- Aneurismal sac**, proper wire for introducing into, **xxx**, 704.
- Tumor of temporal, region**, **ii**, 251.
- Varix**, **xliv**, 920; of the hand, **xix**, 364; ligation of the subclavian artery for, **xxix**, 618; of the skull following fracture of the base of the, **xxxiii**, 339.
- Angeiorrhaphy**, arteriovenous, end-to-end, **xlvi**, 1.



**Angina Ludovici**, iii, 235, xxx  
720, xlvii, 161, 307, 335.

**Angina septica**, xiv, 503.

**Angioma** iii, 516; of buttock, arterial, v, 351; of cheek, injection of ferric perchloride in, ix, 453; of chest-wall, novel method of excision of, xxiv, 377; of cranium, v, 355; of ear and neck, xxxvi, 453; of face, xxxvi, 268, 292, xliii, 453; of face, electrolysis for, xxxiv, 421; of foot, venous, xxii, 394; of hand, xix, 364; of hand, venous, xxii, 393; of neck, cavernous, xxv, 649, xxxvii, 285; treatment of, iv, 166; of tongue, xxxiii, 659; of tongue and mouth, xxx, 129.

Upper extremity, of the, xix, 684; entire, xxv, 361; diffuse cavernous, xlv, 419.

**Angiomatous disease** of the papillae renales, xlix, 652.

**Angiorrhaphy**, xlix, 394.

**Angiotripsy** in general surgery, xxxvi, 183.

**Angulation at the sigmoid**, xlii, 678, xlv, 678.

**Aniline products**, use of, in carcinoma, xviii, 522.

**Animal cage** for laboratory use in experimental surgery, xxxix, 991.

**Animals**, traumatism inflicted by, xxxi, 431.

Reviews of Books: Age of Domestic Animals, by Huidekoper, xvi, 397; Physiology of Domestic Animals, by Smith, x, 317.

**Ankle**, amputation at, new, v, 52; amputation at, osteoplastic, xxxix, 790; arthrectomy of, xii, 470; congenital deformity of, xxii, 777; congenital luxation of, xxxviii, 545; compound dislocation of, ix, 145; xxix, 634; compound dislocation of, in an aged man, xxviii, 647; dislocation at, through astragalocalcaneal articulation, xxix, 645; dislocation through astragalotibial articulation, xxix, 647; dislocations, irreducible, v, 379; drainage of, xlv, 595; excision of, ii, 166; extirpation

of, for club-foot, xviii, 248; maintenance of both malleoli of, in transfer of fibula to replace partial loss of tibia, xlv, 628; neuropathic affections of, vi, 89; neuropathic, due to locomotor ataxia, xxxiii, 491; osteoplastic resection of, xlv, 792; persistent traumatic oedema of, xxvi, 368; resection from an external transverse incision, vi, 144; result after Pirogoff amputation at, xxiv, 749; tuberculosis of, xlvii, 810; weak, of children, misapplied support to, xxxv, 284, 358; resection of, Wladimiroff-Mikulicz, xxii, 413.

**Ankylosed joints**, restoration of function in, xxxiv, 452.

**Ankylosis**, v, 443; acute suppuration after correction of, by manual force, viii, 319; artificial production of, in paralytic joints, viii, 320; bony, of temporomaxillary articulation, xxxv, 517; bony, treatment of, xlv, 740.

Elbow-joint, of, xxix, 364; excision for, xxii, 114; treatment of, xix, 753.

Fibrous treatment, by electrolysis, xviii, 208.

Galvanic current in the treatment of false, xxix, 551, 627.

Hip-joints, of, ii, 168, 169, 170.

Jaw (temporomaxillary joint), of, vi, 153; vii, 468; xlii, 137; bilateral osseous, resection of condyles by Bottini's method, xvii, 227; resection for, ii, 415; v, 141.

Knee-joint, of, angular, operation for, xii, 469.

Resection and osteotomy for, viii, 230.

Shoulder-joint, of the, operation for, xlvii, 117.

**Annals of Surgery**, 1885-1904, historical review of, xl, 1028.

**Annual of the Universal Medical Sciences** (review of), xvi, 597, xxiii, 367.

**Annus chirurgicus**, 1884, i, 30.

**Anorectal transplantation**, xxxiv, 655.

ANSCHUTZ, DR.: Resection of the liver, **xlvi**, 936.

**Anteflexion of uterus**, **xxvii**, 348.

**Anterior tibial artery**, injury of, complicating compound fracture of the leg, **xviii**, 99; rupture of, in simple fracture of the leg, **xxv**, 629; wounds of, complicating fracture of leg, **i**, 7.

**Anthrax bacillus**, specimen of, **xx**, 82; bacteriology of, **iv**, 217; carbolic acid treatment of, **xxxiv**, 711; cure by excision of the pustule, **xv**, 385, **xlvi**, 123; experimental contribution to the question of treatment of, **xvii**, 86; facial, two cases, treated by injections of carbolic acid, **xxxiv**, 555; intestinal, **xxxvi**, 452; intestinal and facial, **xxxv**, 524; malignant, **iv**, 329, **xiv**, 236, **xv**, 53, **xviii**, 605, **xlii**, 286.

**Antipyrine** as a surgical antiseptic **ix**, 71, 72.

**Antiseptic action of hydronaphthol**, **iii**, 157; of iodoform, **vi**, 445.

Appliances at Hotel Dieu in Lyons, **x**, 437.

Bichloride solution, preparation of, **v**, 419.

Dressings, asepsis in, **viii**, 35; in compound fractures, **v**, 76; and micro-organisms, **v**, 532.

Instruments and materials, **iv**, 230.

Measures in relation to bacteriology, **ix**, 158.

Methods in Bergmann's clinic, **viii**, 476; modifications of, **ii**, 87; at the New York Hospital, **vi**, 47; in the treatment of wounds, **iv**, 480; of Volkmann, **viii**, 291.

Precautions, general, **vii**, 257; in joint surgery, **ii**, 61.

Properties of antipyrine, **ix**, 71, 72; of bismuth subnitrate and some other substances, **iii**, 159; of dry dressings, **xi**, 468.

Protection of iodoform colloid, **ix**, 351.

Solutions of carbolic acid, device for distinguishing different, **iv**, 516.

Surgery, boiling water in, **viii**, 298; present position of, **xiii**, 1; in war, **viii**, 298.

Tamponade, **iii**, 436.

Reviews of Books: Aniline Dyes as Antiseptics, by Stilling, **xiii**, 319; Antiseptic Practice and Surgery, by Seydel, **vi**, 287; Antiseptic Surgery, by Cardenal, **vi**, 304; *Idem*, by Gerster, **vii**, 472; Works on Antiseptic Surgery, **v**, 92.

**Antiseptics**, contact and air-infection, **ii**, 409; local influence of some, on the brain, **xvii**, 612; testing of, **xiv**, 59.

Reviews of Books: Antisepsis and Antiseptics, by Buchanan, **xxi**, 748; Antisepsis in Relation to Bacteriology, by Neudörfer, **ix**, 158; Surgical Antisepsis, by Troisfontaines, **viii**, 236.

**Antistreptococcic serum**, present status of the, **xxix**, 648.

**Antitetanic serum**, large doses of, used with success, **xxix**, 287.

**Antitoxin**, intraneural and spinal injection of, for tetanus, **xl**, 417, 759, **xlii**, 939; treatment of tetanus, **xxvi**, 507, 657, 701, **xxvii**, 228, **xxviii**, 237, **xxxi**, 119, **xxxii**, 219, **xxix**, 287, **xxxi**, 360, 370, **xl**, 417, 759, **xlii**, 939.

Review of Book: Antitoxins, by Krieger, **xxi**, 617.

**Antrum of Highmore**, distention of, **xxxvii**, 947; empyema of, **iv**, 335, **ix**, 140, **xvi**, 319, operative attacks on, **x**, 190; surgery of, **xxi**, 335, 612.

**Anuria**, **xxxvii**, 628; calculous, diagnosis and treatment of, **xxxviii**, 503; from impaction, **viii**, 40; with reference to bilateral nephrolithotomy, **xlvi**, 441.

Non-obstructive, postoperative, **xxxiii**, 225, 336, 342.

Surgical aspects of, **xliv**, 32; treatment of, **xxxvii**, 575, 626.

**Anus**, anatomy of, **xxiv**, 1.

Artificial, **iv**, 250, 253; cured by enterectomy and suture, **xv**, 156; from gangrenous strangulated hernia, **xviii**, 351;

- for relief of chronic ulceration of lower bowel, **xxxvii**, 445; treatment of gangrenous hernia and, **ix**, 445; for typhoid perforation, **xli**, 284.
- Congenital absence of, **xxvii**, 776; stenosis of, **xxiii**, 330.
- Fissure of, **vii**, 150.
- Fistula of, associated with phthisis, **v**, 284; cure of, **iv**, 361; epithelial-lined, **xxxiii**, 221; excision of, **v**, 495; and periproctæal abscesses, treatment of, **xii**, 395; rapid cure of, **x**, 287; treatment of, **v**, 515; tuberculous, **vii**, 141, 149.
- Forcible dilatation of, for hemorrhoids, **vii**, 65.
- Imperforate, **xxxv**, 661.
- Introduction of hand into, for relief of fecal impaction, **vi**, 515.
- Prolapsus of, operation for, **v**, 497.
- Rectum, and surgery of malformations of the, **vii**, 55.
- Sphincter of, spasm of, **iii**, 352.
- Surgery of, **v**, 491.
- Syphilitic lesions of, **iv**, 87, **vii**, 146.
- Vaginal, after hysterectomy, cured by ileo-colostomy, **xxvi**, 634.
- Reviews of Books: Diseases of the Anus and Rectum, by Es-march, **vii**, 143; *Idem*, by Cripps, **xlvi**, 155; *Idem*, by Tuttle, **xxxix**, 631.
- Aorta**, abdominal, mode of the circulation through the, **xix**, 1; aneurism of the, **xxxiii**, 640; ligation of an, **xxxv**, 207; simulating a solid tumor, **xvii**, 314; treated by wire in sac, **v**, 138.
- Aneurism of, **xxii**, 392; electro-puncture for, **xii**, 366; statistics of, **iii**, 161; treated by insertion of wire, **iv**, 47, 163; treated by introduction of wire into sac and electrolysis, supplementary report in a case of, **xxxv**, 128.
- Aneurism of arch of, **v**, 57.
- Aneurism of ascending, **ix**, 326.
- Aneurism of descending, successful treatment of, by Bacelli's method, **xvi**, 164.
- Aneurism of thoracic, treatment of, by introduction of wire and electricity, **xxxiv**, 143.
- Pulmonary artery, and, pistol-shot wound of, **xxvii**, 124.
- Aphasia**, **vi**, 69; followed by hemiplegia, trephining for traumatic, **iv**, 169; following injury to skull, trephining for, **xxx**, 325; motor, recovery after trephining, **xxxvi**, 82; traumatic, from contrecoup, **xlvi**, 613.
- Aponeuroses of abdominal wall**, approximation of, for prevention and cure of hernia, **xxxix**, 245.
- Palmar, treatment of retraction of, **vii**, 57.
- Appendages of the Uterus**, ultimate results of operations for removal of, **xv**, 220.
- Appendiceal abscess**, **xlvi**, 155; perforating into the urinary bladder, **xxxix**, 265; rectal incision of, **xxxiii**, 809.
- Appendectomy** combined with nephropexy, **xxxv**, 137; followed by intestinal obstruction from adhesive bands, **xxxii**, 292; parotitis following, **xlvi**, 735.
- Appendicitis**, **xi**, 132, 225, 232, 288, **xvii**, 203.
- Abdominal tumor, produced by chronic, **xxviii**, 264.
- Abscess, left-sided, with, **xxxiii**, 772, 773; of lung and gangrene of gall-bladder, following, **xxxiii**, 761; in right iliac region mistaken for, **xxxv**, 758.
- Absence of, in certain cases of typhilitis, **xlvi**, 852, 963.
- Acetonæmia after operation for, **xxxvi**, 481.
- Advantage of simplicity in operations for, **i**, 762.
- Analysis of sixty-eight cases of, **xviii**, 96.
- Arrosion hemorrhages in, **xxxiii**, 807.
- Atypical cases of, **xxviii**, 366.
- Black vomit after, **xxxviii**, 108.
- Cases at Cook County Hospital of Chicago, **xv**, 355.



- Causes, predisposing and exciting, sudden attacks of, **xxxv**, 842.
- Chronic, complicated by acute colitis, **xxiv**, 61; relapsing, relief of, by removal of appendix, **xviii**, 90, 93; relapsing, resection of the appendix vermiformis during the quiescent stage, **xiii**, 356, 362.
- Chronic colitis as a symptom of, **xxvii**, 733, **xxviii**, 149.
- Clinical notes on, **xl**, 291.
- Diagnosis of, **xxxiii**, 632; in atypical cases of, **xxviii**, 140; errors of, in conditions resembling, **xxxiii**, 594, 629; and pathology of, **xxiii**, 614, 616; pathology, and treatment of, **xxvii**, 303.
- Differential leucocyte count in, value of, **xlvi**, 239.
- Duodenal ulcer, perforating, associated with, **xl**, 447.
- Early laparotomy for, **x**, 434; indications for, **xiii**, 233, 255.
- Experimental, **xxii**, 399.
- Fecal fistula, intestinal, following, **xxiv**, 488, 502; of small intestine, following operations for, **xxiv**, 726.
- Gangrene of colon and ileum, after operation for, **xxxviii**, 367; obscured by enlarged liver, **xxxvi**, 269; operation for, followed by secondary abscess, **xliii**, 924.
- Gastric ulcer, perforating, simulating, **xxxiii**, 212.
- German Surgical Congress of 1901, Discussion on, **xxxv**, 686.
- Group of cases of, **xvii**, 197.
- Hæmatemesis complicating, **xxxvi**, 966.
- Hemiplegia following operation for, **xliv**, 127.
- Hernia following operations for, **xxvi**, 226, **xxxix**, 128; ventral, after operations for, **xxix**, 625, 655.
- Hydronephrosis, as a complication, **xliii**, 783.
- Ileocæcal hæmatoma simulating, **xxv**, 188.
- Infective, **xvii**, 749, **xviii**, 365.
- Intestinal obstruction after operations for, **xix**, 677, 682, **xxi**, 315, **xxiv**, 376, **xxxiv**, 660, 708, **xxxix**, 584, 592, **xl**, 122; **xli**, 150; prevention of, **xlix**, 192, 272.
- Intramuscular entrance in operations for, **xxv**, 364.
- Kidney, suppurating sarcomatous, simulating, **xxxv**, 429.
- Lymphatic and hepatic infections secondary to, **xlii**, 627, 692.
- Mastoiditis operated upon simultaneously with, **xxiii**, 613.
- Mechanical distention in the etiology of, **xli**, 437.
- Multiple complications attending, **xxxix**, 132.
- Nephrolithiasis, complicating, fatal result of operation for, **xxvi**, 369.
- Obliterating, **xxiii**, 608, **xxiv**, 380; pathology of, **xxvii**, 618.
- Observations on, **xix**, 4, 146, 327, 475, 546.
- Operative technic of, **xiii**, 264, 276, **xxvii**, 78, 101; treatment of, **xvi**, 440.
- Other affections mistaken for, **xxxv**, 657.
- Ovarian cyst, strangulated, simulating, **xxxv**, 430.
- Pain caused by, in certain cases of chronic, **xxiv**, 713.
- Parotitis following operation for, **xlii**, 735.
- Pathogenesis of, studies in, **xxxv**, 701.
- Pathology of, **xiii**, 225.
- Pelvic abscesses from, drained through rectum, **xxiii**, 272, 298.
- Pericarditis, suppurative, following, **xxxiv**, 548.
- Perihepatic and pleural complications of, **xxxv**, 690.
- Peritoneal cavity containing free pus, recovery, **xxx**, 632; infection, general, recovery from, **xxxii**, 139.
- Peritonitis, diffuse suppuration following, **xliv**, 107, 298; extensive recovery, **xxxiv**, 828; general septic, with recovery, **xxx**, 179; general septic, treatment of, **xviii**, 42; suppurative, following perforating, **xxii**, 397.

Perityphlitis, and, in Stockholm, mortality of, **xviii**, 580.  
 Portal phlebitis, with, and abscess of the liver, **xlix**, 856.  
 Posterior incision in certain cases of, **xxxiii**, 764, **xl**, 376.  
 Practical deductions from personal experiences in treatment of, **xlvi**, 122, 157.  
 Pregnancy, with, and a dermoid cyst, **xxvii**, 659.  
 Pyæmia following, **xx**, 422.  
 Pylephlebitis, suppurative, following, **xxxvii**, 471.  
 Quiescent, incision for, **xxvi**, 225.  
 Rare complications after operations for, **xxxii**, 448, **xxxiii**, 605.  
 Recurrent, after operation, **xlix**, 277.  
 Remarks on, **xl**, 727, 761.  
 Repeated operations for, **xxiii**, 178.  
 Result after operations for, without division of muscular fibres, **xxi**, 308.  
 Retrocolic abscess, with, **xxxix**, 102.  
 Specimens of, **xix**, 498.  
 Statistics of in clinic of Dr. J. B. Deaver, 1907 and 1908, **xlix**, 824.  
 Subphrenic abscess following, **xxxiv**, 729; left-sided, following, **xxxvii**, 472.  
 Suppurative, **iii**, 424; results of incision without removal of the appendix, **xx**, 84; moot points in, **xxi**, 597; treatment of, **x**, 382.  
 Surgical aspects of, **xix**, 679; thoughts on, **xix**, 576; treatment of, **xiii**, 59.  
 Syphilitic, in, treatment of chronic, **xxvii**, 74, 101.  
 Treatment of, **xii**, 376;  
 Tubal pregnancy, complicating, **xxxi**, 254.  
 Tuberculous, **xxxiv**, 790.  
 Typhoidal, **xlii**, 611; acute gangrenous, **xlii**, 738; perforating, **xliv**, 308.  
 Ureter adherent, with, **xxv**, 187.  
 Ureteral calculus on right side, complicating chronic, **xlvi**, 809.

Value of the leucocyte and differential counts in, **xlix**, 385.  
 Reviews of Books: Predisposing and Exciting Causes of Sudden Attacks of Appendicitis, by Riedel, **xxxv**, 842; Treatise on Appendicitis, by J. B. Deaver, **xxiv**, 249, **xxxii**, 869, **xliii**, 478; *Idem*, by Fowler, **xx**, 751, **xxiv**, 779, **xxxiii**, 510; *Idem*, by Leuzmann, **xxxiv**, 721; *Idem*, by Morris, **xxiii**, 493; *Idem*, by Mynter, **xxvi**, 746.

**Appendicostomy** for chronic colitis, **xxxvii**, 781, **xxxix**, 268; for chronic dysentery, **xlix**, 155; for multiple papillomata of the colon, **xxxix**, 269; prolapse of the cæcum after, **xlvi**, 808.

**Appendicular colic**, **xvii**, 672.

**Appendix vermiformis**, anatomy of, **xvii**, 620, **xix**, 5.

Carcinoma of, **xxiii**, 186, **xxxvii**, 849, 891, **xliii**, 472, **xlvi**, 116, 968, 1000, **xlix**, 829.

Combined operation for the removal of, and for hernia, **xlvi**, 157; for right inguinal, **xliii**, 665.

Concealed in the postcæcal retroperitoneal space, **xl**, 721.

Congenital absence of, **xxiii**, 611; inversion of, **xl**, 1015.

Conical cæcum, with, simulating a ureter, **xxviii**, 658.

Cystic dilatation of, **xlix**, 524; early resection of, in treatment of perityphlitis, **xii**, 373.

Excision of, **ix**, 89.

False diverticula of, **xliv**, 78.

Fat, **i**, 474.

Femoral hernia with, **xliii**, 669.

Fibroma of, **xxviii**, 143.

Foreign bodies in, **xviii**, 670; pin, **xxii**, 274, **xxiii**, 604, **xxix**, 261; tack, **xxxvii**, 950, **xliii**, 767.

Gangrene of, with diffuse peritonitis, recovery, **xxxvii**, 431; with large fecal concretion, **xxiv**, 490; in a three-weeks-old infant, **xlvi**, 57.

Hernia of, **xlix**, 516.

Ileocæcal, **xvii**, 88.

- Inflamed, removal from a strangulated inguinal hernia, **xlvi**, 645; in sac of femoral hernia, **xi**, 380.
- Inflammation about, **ix**, 384.
- Inflammatory mass communicating with, containing a pin, **xlili**, 767.
- Intussusceptions associated with inversions of, **xxxviii**, 708.
- Laparotomy for perforated, **vi**, 41, 78, 508.
- Malposition of, as a cause of functional disturbances of the intestine, **xlvi**, 394, 472.
- Multilocular, **xx**, 186.
- Peculiar forms of, **xxiii**, 186.
- Perforation of, **vii**, 396.
- Physiology and surgery of the, **i**, 1342.
- Psoas muscle, how related to, **xxxiii**, 387.
- Question of removal in every case of appendicular abscess, **xxiii**, 750, 759.
- Removal of, **xlili**, 153; followed by acute yellow atrophy of the liver, **xxxvii**, 362; followed by tetanus, **xlvi**, 458; new incision for, **xxvi**, 624.
- Secondary abscess following removal of, **xlili**, 924.
- Strictures of, **xxvi**, 239.
- Stump, new technic for dealing with, **xlvi**, 246; treatment of, **xi**, 716.
- Surgery of, **xiv**, 512.
- Transmesenteric hernia of, **xlvi**, 262.
- Transverse incision for the removal of, **xlili**, 106, 962.
- Use of, to flush the colon, **xxxvii**, 613.
- Reviews of Books: Diseases of the Appendix, by Hawkins, **xxii**, 540; Treatise on Surgery of the Diseases of the Appendix, by Battle and Corner, **xlvi**, 151.
- Arm**, cancer of, requiring amputation, in a young man, **xxi**, 301; crushing injuries of, conservative surgery in, **xxxix**, 462; deformity of, **iii**, 346; extirpation of whole, **iv**, 255, 530; interscapulothoracic amputation of, **v**, 346; plastic operation for cedema of, from circumferential scar, **xxxiv**, 182; rupture of long head of biceps muscle of, **v**, 268.
- Simultaneous amputations of right and left, of right leg, and left foot, **viii**, 220; of right fore-, of left index and ring fingers, and left thigh, **viii**, 154; of right fore-, right thigh, and left leg, **viii**, 153.
- Arm-gallows** and kidney board, **xlvi**, 294.
- ARMSTRONG, GEORGE E.**: Diagnosis and prognosis of tuberculous and septic conditions of the kidney, **xlvi**, 1054; isolated fracture of the great trochanter, **xlvi**, 292; perforation of small intestine in typhoid fever, **xxxvi**, 625, 735; persistent thyroglossal duct, **xxx**, 719; treatment of perforative peritonitis, **xlvi**, 1047.
- ARNISON, W. C.**: Cases of fracture of spine and laminectomy, **xxi**, 519.
- Arsenic** in cancer of skin, **xvii**, 612.
- Arsenical caustic treatment**, **xxix**, 649; in malignant tumors, **iv**, 271.
- Arteriorrhaphy** for the cure of aneurism, **xxxvii**, 161.
- Arteriosclerosis**, gangrene from, **xi**, 452.
- Arteriosus**, ligature of the ductus, **xlvi**, 335.
- Arteriotomy** for thrombosis and embolism, **xlvi**, 339.
- Anastomosis**, **xliv**, 559, **xlvi**, 333.
- Aneurisms**, **iii**, 517; treatment of, **xxxix**, 767.
- Angiorrhaphy**, **xlvi**, 152; end-to-end, **xlvi**, 1.
- Artery or Arteries**, air embolism, **ii**, 134.
- Anastomosis**, end-to-end, for gunshot injury, **xxxvii**, 719; and transfusion, **xlvi**, 486.
- Aneurisms** of, **iii**, 161.
- Anterior tibial**, aneurism of, **xxii**, 392; diffused traumatic aneurism of, **vi**, 66.
- Aorta** and innominate, aneurism of, **v**, 57.

- Axillary, aneurism of, viii, 362.  
 Bones, of, behavior of, in disease and fracture, xlv, 737; distribution of, and relation to foci of disease, xxxviii, 893.  
 Brachial, suture of, xl, 107.  
 Carotid and subclavian, simultaneous ligature of right, vii, 215.  
 Colic, wound of, vi, 325.  
 Common carotid, ligature of, for aneurism of ascending aorta, ix, 326; for innominate aneurism, vi, 147; for orbital aneurism, xxii, 389; for tonsillar hemorrhage, vi, 148.  
 External carotid, ligature of, vi, 111, 115, xlix, 767, 862, 872; simultaneous ligature of both, for cirroid aneurism, vi, 67.  
 External iliac, transperitoneal ligation of, xxii, 372, 391; traumatic aneurism of both, xxii, 387.  
 Femoral, ligature of, vi, 48; after ligature for popliteal aneurism, state of, vi, 65; perforated by osteophyte, xlix, 427; suture of, xlii, 126, 618; suture of, with vein, xlix, 394; and vein, treatment of simultaneous wound of, viii, 127.  
 Gluteal and sciatic, aneurism of, v, 55.  
 Goitre, in, ligature of afferent, iv, 523; x, 199.  
 Gradual surgical occlusion of large, xxxviii, 256.  
 Innominate, aneurism of, vi, 147; death by ulceration of tracheotomy tube through trachea and, ix, 192; ligature of, xlii, 1; ligature of carotid and subclavian for aneurism of, v, 538.  
 Internal iliac, ligature of, for gluteal aneurism, v, 55.  
 Ligation of, xxxvii, 42; results of, for struma, xii, 361; after venous occlusion, iii, 105.  
 Lingual, a hitherto undescribed anomaly of, ix, 331.  
 Malar, traumatic aneurism of, ix, 225.  
 Mammary, wounds of internal, ix, 365.  
 Meningeal, hemorrhage from, v, 76.  
 Popliteal, aneurism of, vi, 65; ligature of, in elephantiasis of leg, vi, 68; subcutaneous injury of, v, 536.  
 Posterior wall of pharynx, on, large visible pulsating, vi, 67.  
 Subclavian, ligature of, viii, 362; ix, 326, 362; of right, for innominate aneurism, vi, 147.  
 Surgical diseases of, iii, 516.  
 Suture of, xii, 357; xxxii, 728, 731; xlv, 409, 460.  
 Treatment of contusions of larger, iii, 513.  
 Wounds of, new method for closing, xl, 856, 1026.  
 Reviews of Books: Investigations in Arteries of Bones, xlii, 479; Ligation of Arteries, MacCormac, vii, 476.  
 Arthrectomy, viii, 233; of knee, x, 401; in children, viii, 461.  
 Arthritis and cellulitis, surgical treatment of acute infective, xxix, 469.  
 Deformans, operative treatment of, xxi, 231; resection of hip in, ix, 304.  
 Dry, treatment of, with injection of vaseline, l, 105.  
 Gonorrhœal, v, 173, xxv, 664; treatment of, with gonococcus vaccines, l, 939.  
 Knee-joint, of, suppurative, ix, 231; treated by the Mayo method, l, 482.  
 Arthrodesis, viii, 320.  
 Arthropathies, venereal, xxviii, 725.  
 Arthropathy in locomotor ataxy, viii, 397.  
 Arthroplasty upon the elbow-joint, xlv, 297; for tuberculosis of the elbow, xlv, 617.  
 Arthrotomy, vi, 44; for dislocated hip-joint, xvii, 586; for fracture of the neck of the femur in a boy, xxix, 622; for irreducible dislocation of elbow, xviii, 666, xxii, 798; for irreducible subcoracoid dislocation, xxxix, 591; for old elbow dislocation, xli, 471.

Articulation, removal of multiple tuberculous foci, including resection of ankle-joint and of the seventh costosternal, **1**, 477.

**Artificial limbs**, most favorable points for amputation at lower limbs to secure good stumps for, **xv**, 314.

**Ascites**, chylous, **ii**, 418.

Cirrhotic, surgical treatment of, **xxxvi**, 191, 272; operative, **xxxviii**, 361; treated by peritoneal anastomosis, **xxxi**, 489.

Operative treatment of, by omental fixation, **xxxiii**, 653, 663, 715, 791.

**Asepsis** in antiseptic dressings, **viii**, 35; and artificial anæmia, **xviii**, 456; desirability of simplicity of methods in obtaining certain, **viii**, 450; in laparotomy, Mironow on the question of, **xvii**, 76; observations on the principles of, **xxxi**, 656; studies in, **xl**, 475.

Review of Book: Asepsis and Antisepsis, by Mazet, **x**, 238.

**Aseptic clot**, wound treatment, **v**, 92; wound treatment under dry, **ix**, 221.

Reviews of Books: Aseptic Surgery, by Gerster, **vii**, 475; Aseptic Surgical Technic, **xl**, 464, 543; *Idem*, by Robb, **xxi**, 125; Aseptischen Wundbehandlung, by Schimmelbusch, **xxi**, 125.

**ASHHURST, ASTLEY PASTON COOPER**: Adams's precautions in osteotomy for hip ankylosis, **xliv**, 875; amputation of the shoulder-joint for emphysematous traumatic gangrene, **xliv**, 286; diffuse cavernous angioma of the upper extremity, **xliv**, 419, 469; extra-peritoneal rupture of the bladder, without fracture of the pelvis, **xliv**, 435; fracture of the pelvis with rupture of the abdominal wall, **xliv**, 433; intestinal perforation in typhoid fever, **xxxix**, 8; multiple fractures, with an analysis of 240 cases, **xlvi**, 263, 318, 319; perforating gastric

ulcers, **xliv**, 733; radical cure of umbilical hernia in a child with preservation of the navel, **xlvi**, 305; recovery from self-inflicted complete sublingual laryngopharyngotomy, **xliv**, 636; rupture of the lung without costal injury, **xlvi**, 474; sigmoid diverticulitis (mesosigmoiditis) in a child, **xlvi**, 300, 305; temporary paralysis of the vocal cord after excision of cervical lymph-nodes, **xliv**, 290; volvulus of the small intestine in typhoid fever, simulating perforation, **xliv**, 313.

**ASHHURST, JOHN, JR.**: Ambulatory treatment of fractures of the leg, **xxiii**, 468; dislocations of the semilunar cartilages of the knee-joint, **xxviii**, 533; gangrene of the rectum, **xxviii**, 395; intraperitoneal rupture of the bladder, **xxviii**, 385, 388; on osteotomy, **xxvii**, 788; personal experience in the treatment of strangulated hernia, **xx**, 187, 191; remarks on a case of hara-kiri, **xxvii**, 745, 783; treatment of compound fractures of the lower extremity, **xxiii**, 452; treatment of fracture of the patella, **xxii**, 677; typhlitis of non-appendiceal origin, **xxvii**, 787; varicose aneurism of the thigh, **xxii**, 391; on wiring fractured bones, **xxvii**, 785.

**ASHHURST, SAMUEL**: Treatment of strangulated hernia, **xx**, 190; value of ether as an anæsthetic, **xxviii**, 279.

**Asphyxia**, ante-operative, complicating acute intestinal obstruction, **xxvi**, 340; resuscitation from, by rhythmic traction of the tongue, **xix**, 719; simulated by stasis cyanosis of epilepsy, **xliv**, 762, 877; traumatic, **xxxix**, 481, **xliv**, 751.

**Aspirating needle** combined with a director, **xxvii**, 69; priority in, **xxvii**, 400; sudden death on the introduction of, into a hepatic abscess, **v**, 346.



- Trocar, xxxvii, 769.
- Aspiration** in hepatic abscess, v, 213, 346.
- Astereognosis** after cerebral trauma, xlix, 129.
- Astragalectomy** and backward displacement of the foot, treatment of paralytic talipes calcaneus by, xlvii, 264, 291.
- Astragaloid osteotomy** in flat-foot, ii, 279.
- Astragalus**, backward dislocation of, at ankle-joint, xxix, 647; dislocation of, from os calcis and scaphoid, xxix, 645.
- Excision of, in resections of the ankle-joint, ii, 167; for talipes, xxvii, 529, xxix, 270, 632, xxxv, 645, xxxvii, 107, xlii, 932.
- Fracture of, xli, 363, xlv, 51; comminuted, with dislocation, xxix, 343; with dislocation, i, 490, vi, 405; with subastragaloid forward dislocation of the foot—removal of the entire astragalus, xliii, 295.
- Asymmetry** of the lower extremities, apparatus for determining, xxxix, 1032.
- Ataxia**, locomotor, the surgical treatment of, xlix, 737.
- Atheroma**, extirpation of, iv, 227.
- ATHERTON, ALFRED BENNISON**: Operative treatment of perforating gastric ulcer, xl, 686; retroperitoneal hernia, xxxvii, 883.
- Atlas and axis**, injuries of, xviii, 239; dislocation of, xli, 798; forward dislocation of, with fracture of the odontoid process of the axis, xlii, 245; fracture dislocation of, without symptoms of spinal-cord injury, xlv, 632, 634; rotary dislocation of, xlv, 9.
- Atlo-occipital dislocation**, xlvii, 654.
- Atmosphere**, influence of ventilation in the number of floating organisms in, xi, 216.
- Atresia** of duodenum, congenital, xxxii, 858; of the ileum, congenital, xlv, 473.
- Atropia** as a remedy in ether narcosis, ii, 259.
- Atrophy**, ischæmic muscular, lxiv, 442; peroneal type of progressive muscular, vii, 293.
- Augustana Hospital**, final results of 164 cases of carcinoma of the breast at, xlvii, 28.
- Aural polypus**, removed by perforation of mastoid cells, xiv, 411.
- Pyæmia, operation for, xviii, 75.
- Auricle**, stab wound of right cardiac, suture of, xxxviii, 905.
- Autoinoculation**, immunity by, from effects of septic infection, xvii, 299.
- Autopsies**, review of Bourneville and Bricon's Manual of the Technic of, iv, 380.
- Avulsion** of the spine of the tibia, xlvii, 169.
- AXFORD, W. L.**: Dislocation of malar bone, xii, 423; mam-millaplasty, ix, 277; a method of wiring fractures of patella, viii, 1; treatment of wound after castration, v, 8.
- Axilla**, hæmangio-endothelioma of, xlv, 629; sarcoma of, xxxvii, 101.
- Axillary artery**, erosion of, by sarcoma, iii, 515; ligature of, ii, 412; pistol shot wound of the, case of, i, 448; rupture of, i, 478; rupture of, complicating fractured clavicle, xxxix, 1111; simultaneous ligature of subclavian and internal jugular veins, and, v, 256; sudden disappearance of aneurism of, v, 141; traumatic, ii, 344.
- Blood-vessels**, injuries to, during operations for carcinoma of breast, xxxix, 757; rupture in reducing shoulder dislocations, ii, 369.
- Nerves**, suture of, xi, 373.
- Suppuration** of unusual severity treated by extensive excision of the inflamed tissues, xvii, 189.
- Vein**, ligature of, v, 257; rupture of, in reducing old dislocation of shoulder, xxxv, 604.
- Axis**, subluxation of, with recovery, vi, 502.

## B

- BABCOCK, W. WAYNE:** Multiple and consecutive operations on the kidneys for calculi, **xlvi**, 600; nerve disassociation, a new method for the surgical relief of certain painful or paralytic affections of nerve trunks, **xlvi**, 686.
- BABLER, EDMUND A.:** Ainhum, **xlvi**, 110; cornu cutaneum of the human scalp, **xlvi**, 908; trichinous infection of a carcinoma of the lip, **xlvi**, 332.
- Bacillus aerogenes capsulatus** causing emphysematous gangrene, **xxxiii**, 758, 768.
- Bacillus coli communis**, surgical importance of, **xviii**, 293.
- Bacillus prodigiosus**, Hodgkins' disease treated with the mixed toxins of erysipelas and, **xlvi**, 127.
- Bacillus pyocyaneus**, pathological importance of, **xviii**, 454.
- Back**, treatment of contusions and sprains of, **xx**, 192.
- BACON, J. B.:** New method of treating non-malignant strictures of rectum by transplantation of intestine, **xvii**, 576.
- Bacteria**, **v**, 254; in abscesses, **iii**, 71; action of antipyrine on, **ix**, 71, 72; action of iodoform on, **ix**, 202; and finger nails, **vii**, 153; iodoform and, **vii**, 206; in metastatic inflammation of joints, **i**, 486, **xxix**, 402; in relation to antisepsis, **ix**, 153; relation of, to inflammation, **xiii**, 179; secretion of, by sweat-glands, **xliv**, 728; in tumors, **x**, 217.
- Review of Book: Text-book of Pathogenic Bacteria, by McFarland, **xxiv**, 667, **xxix**, 402.
- Bacterial contents** (primary) of operative wounds, experimental research into, **xliv**, 727.
- Science in its surgical relations, **iii**, 43, 141, 221, 321, 401, 507, **iv**, 57, 150, 217.
- Bacteriological examinations** and abdominal drainage, **xx**, 424.
- Bacteriology** in its relations to surgery, **vi**, 60.
- Reviews of Books: Essentials of Bacteriology, by M. V. Ball, **xix**, 128; Laboratory Guide for the Bacteriologist, **xxi**, 619; The Principles of Bacteriology, by Abbot, **xxiv**, 399, **xxxvi**, 985, **xlvi**, 484.
- Bacterium therapy** of malignant tumors, **xxvi**, 275.
- BAER, WILLIAM STEVENSON:** Operations on the spinal column, **xlvi**, 694.
- BAILEY, PEARCE:** Operative paralysis of the spinal accessory nerve, **xxxiii**, 558.
- BAIN, JOHN BAXTER:** Blank-cartridge wound infected with tetanus bacilli—excision—no tetanus, **xxxvii**, 399.
- BAINBRIDGE, WILLIAM SEAMAN:** The intra-abdominal administration of oxygen, **xliv**, 305.
- BALDWIN, JAMES FAIRCHILD:** Formation of an artificial vagina by intestinal transplantation, **xl**, 398; intra-abdominal omental torsion, **xxxvi**, 940; knife-blade removed from lungs, **xxxvii**, 360; one thousand abdominal closures by a new method, without a known hernia, **xxxviii**, 664; synchronous ligation of both internal jugular veins, **xxxvi**, 304.
- BALL, J. B.:** Cancer of larynx, **ix**, 344.
- BALLIN, MAX:** Acute yellow atrophy of the liver as a sequel to appendectomy, **xxxvii**, 362.
- BALLOCH, EDWARD A.:** Fibromata of tunica vaginalis, **xxxix**, 396; traumatic rupture of spleen, splenectomy, **xxxvi**, 44.
- Ballotement**, false renal, in subhepatic tumors, **xvii**, 622.
- Balsam of Peru** and castor-oil mixture as a surgical dressing, **xxvi**, 329; as therapeutic agent in treatment of wounds, **xlvi**, 924.

- Bandage**, Esmarch's, paralyzing median and ulnar nerves, ix, 76; immobilizing, dangers of, xvii, 502; roller, for gauze, xxvii, 206; "suspender" abdominal and the four-tailed genital, xlv, 922.
- Review of Book: The Roller Bandage, by Hopkins, xxxvi, 645.
- Bandaging**, meaning of the reverse in, v, 97.
- Reviews of Books: Bandaging in Minor Surgery, by Wharton, xxxvi, 646; Principles and Practice of Bandaging, by Davis, xxxvi, 646.
- BANGS**, L. BOLTON: Choice of operation for stone in the bladder, xv, 185; hydatid of the prostate, xxxiii, 565, 753; perineal lithotomy, with some remarks on dilatation of the prostate, xvii, 442; relative value of operative and hygienic measures in the treatment of tuberculosis and neoplasms of the bladder, xxii, 205, 512, 514; remote results of operations for renal tuberculosis, xxvii, 14, 18; treatment of tubercular cystitis, xxxiii, 334.
- Banti's disease**, splenectomy for, xxxviii, 671, xlvii, 1006.
- BARACZ**, R. VON: Report of sixty cases of actinomycosis, xxxvii, 336; value of nitrate of silver in the treatment of actinomycosis, xxxvii, 468.
- BARKER**, MILTON R.: Traumatic hæmatomyelia, xlv, 678.
- BARLING**, GILBERT: Amputation at hip-joint for large myxolipoma of leg and thigh, xxvi, 504; contribution to the surgery of the kidney, cases requiring nephrectomy, xliii, 413; note on partial nephrectomy, I, 1134; sarcoma of the small intestine and mesentery, xlv, 242.
- BARNARD**, HABOLD L.: Exophthalmos due to traumatic aneurism of the internal carotid artery, xxxix, 649; intestinal obstruction due to gallstones, xxxvi, 161.
- BARNETT**, CHARLES E.: The female prostate, xlv, 576.
- BARNEY**, J. DELLINGER: End results of operations for carcinoma of the breast at the Massachusetts General Hospital, xlv, 20; epithelioma of the penis, analysis of one hundred cases, xlv, 890; excision of the shoulder-joint, xlix, 696.
- BARRETT**, CHANNING W.: A new technic for dealing with the appendix stump, xlvii, 246.
- BARRIE**, GEORGE: Dentigerous cyst of the lower jaw, xlii, 352.
- BARROW**, DAVID: Report of the successful removal of a renal calculus weighing one pound two drachms, xlvii, 1028, 1054.
- BARTLETT**, EDMUND A.: Huge biliary calculus removed from the common duct, xlviii, 676.
- BARTLETT**, WILLARD: Contribution to the study of nephrolithiasis, xxii, 716; excision of Gasserian ganglion intact, xxxiii, 683; external metal support for direct application to the shaft of a fractured long bone, xliii, 271; improved filigree for the repair of large defects in abdominal wall, xxxviii, 47; method of using the tongue in supplying a defect of the cheek, xlv, 573; occluding pulmonary embolism, xlv, 717; surgical anatomy of the middle cranial fossa, xxxvi, 680.
- BARTON**, JAMES M.: Appendicitis, operative treatment of, xxvii, 103; cirroid aneurism, xxii, 392; diagnosis of appendicitis, xxiii, 623; divulsion of pyloric stenosis, xxiii, 477; effect of exploratory section on pyloric obstruction, xxv, 754; exploration of kidney in cases of suspected calculus, xxviii, 663; fracture of anatomical neck of humerus, xxii, 118; inflammatory affections in the right iliac fossa in women, diagnosis of, xxviii, 141; intestinal obstruction, operative relief of, xxix, 267; jack-stone in the throat, xxii, 110; Malgaigne's hooks and



- fractured patella, **xxii**, 112; open measures in the treatment of fractures, **xxv**, 762; operation in pistol-shot wounds of the brain, **xix**, 695; operative treatment of aneurisms, **xxii**, 802, an ovarian cyst, with unusual symptoms, **xxii**, 115; question of the removal of the appendix in every case of appendicular abscess, **xxiii**, 755; results of evacuation of appendicular abscesses, without removal of the appendix, **xx**, 84; spontaneous disappearance of a large retroperitoneal tumor, after abdominal section, **xxiv**, 757; treatment of osteomyelitis, **xxiv**, 237; treatment of strangulated hernia, **xx**, 189; treatment of tubercular abscess, **xxii**, 122; treatment of umbilical hernia, **xx**, 190; trifacial neuralgia, **xvii**, 714.
- BARTON, JOHN KELLOCK**: Abscess or aneurism, **xvi**, 129; contribution to cerebral surgery, **ix**, 28; cesophagotomy, **vi**, 22.
- BARTOW, B.**: Spinal distortion in the early stage of spondylitis, and its diagnostic value, **x**, 48.
- Base of the skull**, fracture of, **xl**, 654; analysis of five hundred and thirty cases, **xliv**, 823.
- Basedow's disease**, considerations relative to, **xxxvii**, 9; permanent results from the operative treatment of, **xlvi**, 944; surgical treatment of, **xxiv**, 81.
- BASHAM, DAVID WALKER**: Hernia of the appendix, complicated with appendicitis, **xlvi**, 199.
- Bassini's operation** for radical cure of hernia, **xv**, 484, **xvii**, 619; late results of, **xxx**, 220.
- BASTIANELLI, RAFFAELE**: Principles of a radical treatment for proctosigmoiditis, **l**, 1095.
- BATES, H. E.**: Case of hæmophilia, with death from hemorrhage after extraction of a tooth, **xix**, 603.
- BATTLE, W. H.**: Backward dislocation of fingers upon the metacarpus, **ix**, 280.
- Battlefield**, first aid on, **xliv**, 741.
- BAXTER, G. A.**: Hypertrophy of the omentum in hernia, **xix**, 206; new method of operating for radical cure of hernia, **xvii**, 263.
- BEACH, G. W.**: The deciduoma malignum, **xxi**, 525.
- BEACH, H. H. A.**: Pelvic tumor formed by a calcified Meckel's diverticulum uniting the ileum and bladder, **xxiv**, 484; traumatic asphyxia, **xxxix**, 481.
- BEAL, HOWARD W.**: Fibrinous calculi in the kidney, **xlvi**, 378.
- BECK, CARL**: Aneurisma racemosum—an aggravated case, **xxxviii**, 496; contribution to the surgery of multilocular renal cyst, **xxxiii**, 147; costal and thoracic resection for pyothorax, **xxxix**, 403; differentiation between inflammatory processes and neoplasms of the bones by the Röntgen rays, **xxxiv**, 753; fissure of the head of the radius, **xxxiii**, 466; fracture of the carpal end of the radius with associated injuries, **xxxiv**, 249; new method of colpoplasty in case of absence of vagina, **xxxii**, 572; new method of nephropexy, **l**, 509; operative treatment of hypospadias, **xxx**, 536; peritoneal tuberculosis, **xxxiv**, 839; Röntgen method in lithiasis of the urinary tract, **xlvi**, 864; surgery of the liver, **xxxv**, 426, 428; tendon transplantation, **xxxiii**, 660; transposed viscera, with case of cholelithiasis, **xxxix**, 593; use of the temporal fascia to cover cranial defects, **xliv**, 170.
- BECKER, DR.**: Traumatic aneurism of the carotis interna cerebialis, with exophthalmus pulsans, **xlvi**, 928.
- Bed**, new model of, for hospital, **xxvi**, 347; for surgical patients, **xxiv**, 628.
- BEER, EDWIN**: Are the intestines able to propel their contents in an anti-peristaltic direction, **xlvi**, 576; on the value

- of the indigo carmin test as an aid in the diagnosis of partial and total ureteral occlusions, **xliv**, 553.
- BEHAN, RICHARD J.: Coxa vara **xlix**, 926.
- BEILLEY, GEORGE EVERETT: Affections of the thyroid gland, **xliii**, 805.
- BELFIELD, WILLIAM T.: Actinomycosis, **xxxvii**, 463; drainage of the prevesical space through the peritoneum in suprapubic cystotomy, **xlvi**, 101.
- BELL, J. MALSEED: Excision of the larynx for carcinoma, **i**, 92; exostosis bursata, **ix**, 112; disappearing tumor of the abdomen, **xxv**, 524; operation for complete prolapse of the rectum, after the manner recommended by Dr. J. B. Roberts, **xiii**, 333.
- Bellevue Hospital, comparative results of operations in, **ii**, 500.
- BENDA, DR.: Osteoplastic resection of the cranium for traumatic epilepsy, **xv**, 468.
- BENJAMIN, ARTHUR E.: Report of a case in which a large number of foreign bodies were removed from the stomach, **xlvi**, 238.
- BENNETT, ALBERT I.: Results obtained in treatment of united fractures by the Parkhill clamp, **xxxi**, 327.
- BENNETT E. H.: Mechanism of fractures of clavicle, **i**, 293.
- Bennett's fracture of the metacarpal bones, **xliii**, 803.
- BERG, ALBERT ASHTON: Acute osteomyelitis of the femur, terminating in recovery, **xxxi**, 332; determination of the functional capacity of the kidneys, **xliii**, 725; duodenal fistula, its treatment by gastrojejunostomy and pyloric occlusion, **xlvi**, 721; method of retroduodenal choledochotomy, **xxxviii**, 275; radical treatment of carcinoma of bladder, **xlvii**, 355; surgical treatment of cholelithiasis, **xxxviii**, 343; transverse ectopy of the testis, **xl**, 223; urethroplasty, **xxxvii**, 486.
- BERG, EDWIN: Jaboulay's anastomatic button, **xlii**, 744.
- BERGMANN: Berlin Clinic of Bergmann, **iv**, 283, 285; Enterectomy in Bergmann's Berlin Clinic, **xviii**, 583; Oration on Von Langenbeck (review of), **ix**, 159.
- BERGTOLD, W. H.: Case of symmetrical congenital dislocation of the head of each radius, **xiv**, 370.
- BERNAYS, AUGUSTUS C.: Adenoma of the stomach, **xxxv**, 834; new surgical operation for the treatment of cancer of the stomach, **vi**, 450; sarcoma of the mesentery, **xxxv**, 790, 835.
- BERNHARDT, F. X.: Salicylic acid injections in the treatment of inoperable cancer, **xix**, 721.
- BERNHEIM, BERTRAM M.: A modification of the Crile transfusion cannula, **i**, 786.
- BESLEY, FREDERICK A.: Nephrectomy for pyonephrosis, **xl**, 289.
- BEVAN, ARTHUR DEAN: Actinomycosis, **xli**, 627, 641; anuria after nephrectomy for cystine calculus, **xxxvii**, 294; carcinoma of the larynx, **xxxvi**, 617, **xxxvii**, 463, **lx**, 632; cause of death after cholecystectomy, **xlii**, 792; classification of forms of ileus, **xxxiii**, 495; clinical study of carcinoma, **xlii**, 798; condemnation of decapsulation for chronic nephritis, **xxxix**, 629; diagnosis of appendicitis, **xxxiii**, 630; diagnosis of stone in the kidney by the X-ray, **xxxiii**, 239, 343, 348; diagnosis and treatment of kidney stone, **xlvii**, 1053; diagnostic value of potassium iodid in syphilis, **xliv**, 623; dislocation of individual carpal bones, **xxxvii**, 296; exposure of ureter, **xxxvi**, 464; fractures involving the hip-joint, **xxxiii**, 803; hip dislocations, **xxxiii**, 75; hydronephrosis, **xxxvii**, 967;

- hypernephroma, **xxxix**, 468; indications for surgical treatment of gall-stones, **xxxvi**, 155; interscapulothoracic amputations, **xxxix**, 135; metapneumonic empyema, **xl**, 436; omental grafts, **xxxvii**, 631; operations for empyema thoracis, **xl**, 784; perforation of Meckel's diverticulum as a cause of peritonitis, **xxxvii**, 297; polycystic kidney, **xxxix**, 467; retropharyngeal traumatic aneurism, **xxxiii**, 341; rupture of the spleen, **xxxvi**, 467; suprapubic prostatectomy, **l**, 357; surgical anatomy of the bile-ducts, **xxx**, 15; surgical treatment of anuria, **xxxvii**, 575, 628; technic of operations upon the head and neck, **xliv**, 146; technic of removal of malignant disease of the rectum, **xxxvi**, 461; transplantation of portion of ilium into lower jaw, **xli**, 626; treatment of actinomycosis, **xxxvii**, 465; treatment of complications of chronic gall-stone disease, **xxxviii**, 456; treatment of perforating wounds of abdomen, **xxxix**, 470; treatment of perforative peritonitis, **xlvi**, 1046; use of the McGraw elastic ligature, **xxxix**, 146.
- BEYEA, H. D.: Carcinomatous degeneration of uterine myoma, **xxxiii**, 61; gastroptosis and dilatation, **xl**, 776.
- Biceps cruris, relation of, to disease in and about the knee-joint, **xiv**, 356.
- Biceps cubiti, rupture of, **xxii**, 518; of the long head of, **v**, 268; of the long head of, at its glenoid origin, **xlvi**, 810; subcutaneous, **xxxiv**, 445; of tendon of, **xli**, 756, 789.
- Bichloride solution, preparation of antiseptic, **v**, 419.
- BICKHAM, WARREN STONE: Technic of exposure of the spinal cord and canal, osteoplastic resection, and laminectomy, **xli**, 372; treatment of arteriovenous aneurism, **xxxix**, 767.
- Bier's method in the treatment of joint tuberculosis, value of, **xxxviii**, 106.
- Operation for hypertrophy of the prostate gland, cases of, **xxiii**, 705.
- Review of Book: Bier's Hyperæmic Treatment, by Meyer and Schmieden, **xlvi**, 955.
- BIGGS, H. M.: Appendicitis, **xvii**, 204.
- Bile absorption as cause of death in high intestinal obstruction, **xlvi**, 556; effects of, in peritoneal cavity, **xl**, 431.
- Bile colored peritoneal effusions, **xliv**, 718.
- Bile-duct, chronic obstruction of, by gall-stones, **xi**, 161; common, cause of sudden fall in blood-pressure while exploring, **xlvi**, 550; cystic dilatation of, in a child, **xxvi**, 692; exposure of postduodenal portion of, **xxxviii**, 480, 608; impacted calculus in, **v**, 321; gall-bladder, and, anatomy of, **xxx**, 15; melanotic sarcoma of ampulla of Vater and, **xlvi**, 948, 1059; remarks on cases involving operative loss of continuity of, **xl**, 90; removal of gall-stones from, **xlvi**, 558; surgery of, **xxvii**, 697, **xli**, 201, 315; surgical affections of gall-bladder and, **xviii**, 85; suture of, with aid of Halsted's hammer, **xxix**, 481; traumatic rupture of, **xxxi**, 227; valve obstruction of, **xxx**, 755.
- Passages, air-distention in operations upon, **xxix**, 137; catheterization of, **xvi**, 273; exploration of, combined with nephropexy, **xxxv**, 137; operations on, **xix**, 730, **xxxv**, 708, 732; surgery of, cases, **xxvii**, 529, 532, 535, 697.
- Bilharzia hæmatobium, case of, **xxiii**, 56; in the viscera, lesions caused by the presence of eggs and embryos of, **iv**, 350, 352.
- Biliary calculus, **iii**, 86, 88, 381, 397; in common and other ducts, **xli**, 797; huge, removal

- from common duct, **xlvi**, 676; intestinal obstruction from, **iii**, 525; removal of, from common duct by the duodenal route, **xxviii**, 481, 517, 525; removal of, from the retroduodenal portion, **xxxviii**, 275; removed from the common duct, **xxiii**, 180.
- Colic due to adhesions, **xvii**, 333.
- Fistula, artificial, **v**, 231, 238.
- BILLINGS, FRANK**: Perforation of small intestine in typhoid fever, **xxxvi**, 622; treatment of complications of chronic gall-stone disease, **xxxviii**, 455.
- Billroth's clinic**, radical operations for hernia in, **xiv**, 518.
- Binder**, the "open-seat" pelvic, **1**, 789.
- BINNEY, HORACE**: Fractures of the os calcis and astragalus, **xl**, 51.
- BINNEY, J. E.**: Surgery of the vascular system, **xlvi**, 483.
- BINNIE, C. M.**: Preparation of chromicized cat gut, **xxiii**, 768.
- BINNIE, JOHN FAIRBAIRN**: Aneurismorrhaphy—treatment of popliteal aneurism by the reconstructive method, **xlvi**, 1; appendicular colic, **xvii**, 672; cases of deformity of the external ear, **xxiv**, 206; cholecystotomy and cholecystenterostomy in a patient eighty years of age, **xxiv**, 638; contribution to the study of appendicitis obliterans, **xv**, 618; critical suggestions on cleansing the surgeons' hands, **xxxiii**, 349; exposure of postduodenal portion of common bile-duct, **xxxviii**, 608; gradual autoinoculation as a factor in the production of immunity from the effects of septic infection, **xvii**, 299; method of excision of the shoulder-joint, **xxxii**, 283; myositis ossificans traumatica, **xxxviii**, 423; operative treatment of gall-stones impacted in the cystic or common bile-ducts, **xx**, 561; operative treatment of non-microcephalic idiocy, **xix**, 453; recurrent carcinoma—why it may be worse than the primary disease in the same region, **xxvii**, 238; relations between granulation tissue of repair, the infective granulomata, and the sarcomata, **xxv**, 768; rhinoplasty for sunken nose, **xlvi**, 1059.
- Birdshot wounds**, multiple, **xxxiv**, 419.
- Birth dislocation** of humerus, with paralysis of arm, **xl**, 777.
- Birth fracture** of skull, **xl**, 865.
- Birth-marks**, removal of, **xxxvii**, 961.
- Bismuth**, antiseptic properties of subnitrate of, **iii**, 159; in the treatment of acute epididymitis, **ii**, 510; for ulcers, subiodide of, **iv**, 545.
- Black vomit** complicating appendicitis, **xxxviii**, 108.
- BLACKWOOD, N. J.**: Atlo-occipital dislocation—a case of fracture of the atlas and axis, and and forward dislocation of the occiput on the spinal column, life being maintained for thirty-four hours and forty minutes by artificial respiration, during which a laminectomy was performed upon the third cervical vertebra, **xlvi**, 654.
- Bladder**, absorbent power of, **x**, 310.
- Adrenalin, use of, in operation on, **xxxvi**, 799.
- Air-distention of, in suprapubic cystotomy, **xxv**, 141, 180.
- Bony sequestrum in cavity of, **xix**, 465.
- Carcinoma of, **xi**, 345; discussion on, at International Society of Surgery in 1908, **xl**, 118; extirpation of, **xxvi**, 357; radical operation for, **xl**, 261, 382; radical treatment of, **xlvi**, 355; subjected to resection, **xxiii**, 605; of urinary, **1**, 498.
- Cauterization through as a substitute for the Bottini operation **xxxvi**, 29.

- Choice of operations upon the male, **xxx**, 353.
- Cocaine anæsthesia of, **v**, 81.
- Contracted, **xxii**, 114.
- Digital exploration of, **iv**, 532.
- Displacement of, by tamponing the rectum, **iii**, 166.
- Distention of, for epicystotomy, condemned, **v**, 80; with hydronephrosis, **xliii**, 779.
- Drainage of, **iv**, 187; continuous, **xxx**, 515; mental symptoms after suprapubic, **xvii**, 65, 262; suction apparatus for continuous, **xxxvii**, 886; suprapubic, **xxix**, 349; after suprapubic incision, **xxiii**, 499, 746.
- Ectopia of, treatment of, **xv**, 492, **xxx**, 130, 715.
- Emptying by manual compression, **x**, 209.
- Endoscopy of urethra and, **xi**, 138, 473.
- Epithelioma of, **xlix**, 553.
- Excision of considerable portions of, **xx**, 610.
- Experimental researches on the restitution of, **x**, 211.
- Exposure of, by temporary osteoplastic resection of prepelvic wall, **ix**, 303.
- Exstrophy of, **iii**, 168, 169, **vi**, 104, **viii**, 46, **xxix**, 497, **xxxi**, 720, **xli**, 463, **xliii**, 237; modified Maydl's operation for relief of, **xxxviii**, 763; operative treatment of, **xxi**, 181, **xxvi**, 400, **xxxiv**, 25, 423; plastic operations for, **xlii**, 924; rectovesical anastomosis for, **xxxvii**, 290; Rutkowski's operation for cure of, **xxx**, 288; treatment of, **xliv**, 281.
- Extirpation of, **xlvi**, 952; for carcinoma through a suprapubic opening, **xxxvi**, 509; complete, for carcinoma, **xxxviii**, 445; complete, for neoplasms, **xxix**, 378.
- Fibrinous concretions, large, removed from the, **xxxix**, 256.
- Fistula from suprapubic puncture of, **v**, 167; from uterus to, cure of, **viii**, 465.
- Fistulous opening into, from ileum, **xxix**, 69.
- Foreign bodies in, **xv**, 495; introduced into the male per urethram, **xxv**, 568; removal of, from the male, introduced through the urethra, **xxv**, 747.
- Functions of, **vii**, 303.
- Gum removed from, **xliii**, 317.
- Hernia of, **xxx**, 772, **xxxviii**, 606; complicating inguinal hernia, **xxiv**, 753, **xl**, 921, **xxix**, 778; obturator, **xxxiv**, 796; through pelvic floor, **xxxii**, 369.
- Inflation of, preliminary to suprapubic cystotomy, **xxviii**, 358, 683.
- Intraperitoneal rupture of the urinary bladder, **xvi**, 274, **xlv**, 94.
- Inversion and prolapse of female, through urethra, **viii**, 463.
- Irrigation of, without catheter, **x**, 210.
- Lesions caused by eggs and embryos of *Bilharzia hæmatobium* in, **iv**, 350.
- Myomata of, **xxiii**, 213.
- Neuralgia of, **vii**, 305.
- Opened by abscess from hip-joint, **i**, 373.
- Papilloma of, **xv**, 75, **xxxiii**, 641, **xlvi**, 305; accidental cure of, **xxxviii**, 890; extirpation of multiple, **xxxiii**, 198; removed by suprapubic cystotomy, **x**, 311.
- Paralysis of, from carbolyzed dressings, **ii**, 85.
- Partial resection of the, for malignant tumor by the transperitoneal route, **i**, 1137.
- Perforation of, by an appendiceal abscess, **xxxix**, 265.
- Rectum, and, recovery after shot wound of, **xii**, 288.
- Relations of pelvic peritoneum to, **vii**, 22.
- Resection of, **xxv**, 663; of large part of, involuntary, **xix**, 506; partial, **ii**, 426, 510; partial, with seminal vesicles and vasa deferentia, **xxxii**, 557; partial of wall of, **i**, 74.
- Routes to, comparison of the suprapubic and perineal, **xxx**, 28, 103.
- Rupture of, **ii**, 511, **iii**, 347, **xviii**, 647, **xl**, 271; **xlii**, 839,



863; complicating fracture of pelvis, **xliv**, 971; extraperitoneal, **xxiv**, 751; **xxxv**, 288, **xxxvii**, 98; extraperitoneal, complicated by fracture of the pelvis, **xxvii**, 151; extraperitoneal of, without fracture of the pelvis, **xliv**, 435; intraperitoneal, **xv**, 495, **xvi**, 274, **xxii**, 706, 795, **xxviii**, 385, **xxxiv**, 600, **xxxvi**, 606, **xxxvii**, 215, 438, **xliv**, 94; intraperitoneal, method of early diagnosis of, **v**, 556; intraperitoneal, treated by laparotomy, **xxxiv**, 209; intraperitoneal treatment of, **xxiii**, 676; laparotomy for, **vii**, 64, **311**, **xvi**, 458; laparotomy and suture, **i**, 67; new method for diagnosis of, **xii**, 33; operations for, **vi**, 175, **xix**, 384; of pelvic abscess into, **xxxv**, 106; produced by filling, **vii**, 309; recovery from after abdominal section and suture, **xxi**, 218; and suture of, **v**, 167, 432, 556, **viii**, 473; two cases, **xv**, 494, **xliv**, 241.

Sacculation of, **xxv**, 749; **xxxvii**, 470.

Sarcoma of, **ix**, 274, **xliv**, 831; alveolar, **iii**, 352; of male, **xv**, 127.

Stone in, **xx**, 174, 175, **xxxi**, 743; stone in, **xxxvi**, 438, **xliv**, 710; in children, operations for, **vi**, 178, 179; choice of operation for extraction of, **iv**, 535, **xv**, 180, 185; communication with, containing a, by an abscess of the abdominal wall, **xliv**, 766; comparative frequency of, in white and negro races, **xxiii**, 129; due to ligatures and bone spicule, **xxxiv**, 715, 716; in female child of four years, **xxxiv**, 819; following suprapubic prostatectomy, **xxxix**, 436; formed by sequestrum from old hip-joint disease, **x**, 228; with intermittent pneumaturia and subsequent fecal fistula, **xliv**, 1013, 1057; large, **xxxiii**, 347; modern modifications of operations for, **iv**, 543; multiple,

removed by cystotomy, **xxv**, 192; with nucleus of chewing gum, **xli**, 479; with nucleus of hairpin, **xviii**, 588; with nucleus of leather shoestring, **xxxiii**, 648; with nucleus of ligature knot, **xviii**, 588; with nucleus of shot, **xxxiii**, 647; with nucleus of twig of tree, **xxxiii**, 648; operations for, **vi**, 263; operations for, **xii**, 384; with hypertrophy of the prostate, treatment of, **xxvii**, 571; complicating of, **xxxvi**, 17; recurring, **xxxi**, 760; removed by intraperitoneal suprapubic cystotomy, **xxiii**, 132; spontaneous fracture of, **ix**, 274; value of castration to facilitate detection of, in the presence of prostatic hypertrophy, **xxvii**, 329, 383.

Suprapubic incision of, **ix**, 309, 312, 313, 314.

Surgery of, cases of, involving suprapubic section, **xix**, 461.

Surgical treatment of non-resilient diverticula of, **i**, 883.

Suture of, immediate, after suprapubic cystotomy, **xxxv**, 695; Jonnesco's method for, **xxx**, 772.

Symphysiotomy in operations on, **xviii**, 486.

Tamponade of, after suprapubic incision, **xviii**, 587.

Tears, intraperitoneal, **xliv**, 790.

Telephonic searcher for use in, **xlvi**, 459.

Tuberculosis of, **xv**, 397, **xliv**, 249, 388, 597, **xliv**, 785; with diverticula, **xix**, 370; and neoplasms of, relative value of operative and hygienic measures in, **xxii**, 205, 512; permanent suprapubic drainage for, **xxxiii**, 331, **xxxvi**, 426; resection for, **xxvii**, 368; results of operations for, **xi**, 290.

Tumors of, **iv**, 208, **viii**, 48, **xx**, 78, 174, 610; cystotomy for, **i**, 66, 372; diagnosis and treatment of, **vi**, 182; hydro-nephrosis due to ureteral obstruction by, **xliv**, 314; operations for, **xviii**, 354, **xliv**,

- 805; primary, **xliii**, 556; removal of, **ii**, 83, **v**, 163, 276, 278, 427; removed under spinal anæsthesia, **xxxiv**, 575; surgical treatment of, **xii**, 1; synchronous left ureterostomy and right nephrostomy for hydronephrosis due to ureteral obstruction by, **xlvi**, 287; transperitoneal removal of, **xlvi**, 105, 862.
- Ulceration of, in women, **xlix**, 777.
- United to ileum by an adherent calcified Meckel's diverticulum, **xxiv**, 484.
- Urethra, and, cases of surgery of the, **xix**, 461; genesis of malformations of, **xix**, 741; observations on male, in regard to endoscopy, litholapaxy, and catheterization, **v**, 84; operation for carcinoma involving, **xix**, 461.
- Urethrovessical suture and exstrophy of, **vii**, 306.
- Vagina, and, fistula of, **iv**, 372.
- Vaginal incision of, for intravesical manipulations, **xxxix**, 822.
- Wound of, followed by gastric or duodenal ulcers, **xlvi**, 924, 1052; intraperitoneal, **iii**, 349; in operations for hernia, **xxi**, 631, 707; punctured, **xlii**, 215.
- Reviews of Books: Diseases of the Urinary Bladder, by Ultzmann, **xii**, 139; Inflammation of the Bladder, by Monsell Moullin, **xxviii**, 293; Tumors of the Bladder, by Fenwick, **xxxv**, 551.
- BLAKE, JOHN BAPST: Gastro-enterostomy and pyloroplasty, **xli**, 686; sudden death, **i**, 43.
- BLAKE, JOSEPH A.: Abdominal contusions, **xxxvii**, 108; acute diverticulitis of descending colon and sigmoid perforation, **xlvi**, 133; acute tetanus treated by intraspinal injections of magnesium sulphate, **xliii**, 440; aneurism of the second and third portions of the right subclavian artery, proximal and distal ligation, **xliii**, 920; aneurismorrhaphy, **xlvi**, 15; appendicitis, misplaced appendix, **xlvi**, 138; arteriovenous aneurorrhaphy, **xlvi**, 151; avulsion of brachial plexus, **xlix**, 138; ball-valve tumor of the stomach, **xlvi**, 130; benign stricture of the cesophagus—gastrotomy—dilatation by the string method, **xlvi**, 147; bilateral growth of the gums, **xxxiii**, 765; blastomycosis of the spine, **xli**, 151; blood in relation to surgical diagnosis, **xxxiv**, 361; carcinoma of stomach, **xliii**, 927; carcinoma of tongue, **xxxv**, 270; chronic tenosynovitis, **xxxiv**, 576; congenital stenosis of the pylorus, **xliii**, 764; diffuse peritonitis, **xxxvii**, 932; effects of smokeless powder, **xxxix**, 1006; excision of carcinoma of rectum by the combined method, **xlvi**, 80, 150; exclusion of colon for new growth, **xlix**, 708; fracture of carpal scaphoid, **xxxv**, 516; fracture of carpal scaphoid with dislocation of the semilunar bone, **xxxiv**, 297; fracture of humerus and femur, **xxxvi**, 607; fracture of skull with extradural hemorrhage, **xlvi**, 125; gunshot wound of abdomen and thorax, recovery, **xxxvii**, 437; hypertrophy (fibro-adenoma) of the breast, **xliii**, 940; interstitial nephritis with multiple abscess formation, **xlvi**, 149; intraperitoneal rupture of the bladder, **xxxvi**, 606; lateral intestinal anastomosis, with later perforation of blind end of gut, **xlix**, 562; lesions associated with gunshot wounds of the stomach, **xlvi**, 778; lymphatic constitution, **xxxix**, 814; malposition of the appendix as a cause of functional disturbances of the intestine, **xlii**, 394, 472; malignant disease of the stomach, **xlvi**, 749; methods of radical cure of umbilical and ventral herniæ, **xliii**, 760; operations for neoplasms of the tongue, **xlvi**, 629; operative relief of

umbilical hernia, **xxxix**, 1003; perforating duodenal ulcer, **xxxvi**, 608, **xlvi**, 129, 464; perforated gastric ulcer, diffuse peritonitis, peritoneal lavage, closure without drainage, **xlvi**, 130, 131; perforating typhoidal ulcer, **xxxvii**, 283; perforating ulcer of the stomach, **xxxvii**, 929, **xlvi**, 132; peritonitis with unknown site of infection, **xlvi**, 934; plastic operation for restoration of nose, cheek, and soft palate, **xxx**, 764; prostatic abscess, **xlix**, 563; recurrent volvulus of the sigmoid flexure, **xlvi**, 444; resection of the ankle for tuberculosis, **xlvi**, 145; rupture of internal meniscus of knee, **xxxvii**, 934; rupture of the small intestine, **xlvi**, 464; rupture of the spleen, **xlvi**, 470; sarcoma of the inguinal glands, **xlvi**, 150; secondary abscess following appendectomy for gangrenous appendicitis, **xlvi**, 924; silverized catgut, a study of the method of Cr  d   for sterilizing catgut without heat, **xlvi**, 110; simple fracture of the carpal scaphoid, **xlvi**, 130; stab wound of the heart, suture, double lobar pneumonia, emphysema, thoracotomy, drainage, **xlvi**, 138; strangulated umbilical hernia, **xlvi**, 461; studies in intestinal exclusion, **xlvi**, 568; subphrenic abscess, **xxxiv**, 703; suppurative pericarditis, **xlix**, 142; surgical aspect of the status lymphaticus, **xxxv**, 641, 745; thrombosis of the mesentery, **xlvi**, 613; torsion of the omentum, **xxxviii**, 99; treatment of appendicitis, **xlvi**, 159; treatment of diffuse suppurative peritonitis following appendicitis, **xlvi**, 298; treatment of the peritoneum in diffuse peritonitis, **xxxviii**, 265; treatment of stricture of the oesophagus, **xxxviii**, 105; treatment of tetanus by magnesium sulphate, **xlvi**, 367;

treatment of undescended or maldescended testis, **xlvi**, 469; tuberculo-opsonic index, **xlvi**, 644; tuberculosis of intestine, **xxxvii**, 106; typhoid perforation, **xlvi**, 935, 941; typhoid perforation of the ileum, **xlvi**, 135; typhoidal perforation of gall-bladder, **xxxvii**, 935; ulcer of the stomach with hour-glass contraction, **xxxvii**, 280; value of enterostomy and conservative methods in the surgical treatment of acute intestinal obstruction, **xlvi**, 802; Volkmann's isch  mic paralysis, **xlvi**, 453; Volkmann's isch  mic paralysis of the forearm, **xlvi**, 461.

BLANCHARD, WALLACE: Coxa vara, **xlvi**, 631, 952.

Blanket, protective, **xxi**, 290.

Blastomycotic dermatitis, **xxx**, 545.

Blastomycotic growth associated with *S. pyocyaneus* septicaemia, **xl**, 613.

Blastomycosis, general systemic, **xlvi**, 779; of the spine, **xlvi**, 889.

Blepharoplasty, inferior, **xxxv**, 514; by pregrafted flap, **xlvi**, 775.

BLISS, A. A.: Tonsillotomy, **xxvi**, 131.

Blood changes induced by ether as an an  sthetic, **xxxiv**, 329.

Clot, dry aseptic, in wound treatment, **ix**, 221; moist, wound healing under, **v**, 419, **xvii**, 276.

Coagulation of, relation to suppuration, **ix**, 352.

Cysts of the neck, **iii**, 343, **x**, 451.

Discoloration of skin after extravasation of, **iii**, 408.

Examinations, in cancer, chemistry of, **xxxviii**, 444; importance of, in reference to general an  sthetization and operative procedures, **xxx**, 79; in their relation to surgical procedures, **xxxviii**, 418.

Freezing point of, as an index to kidney function, **xxxiii**, 96.



- Pressure during ether and chloroform narcosis, **xxxvi**, 302; sudden fall in, while exploring the common bile-duct, cause of, **xlvi**, 550; in surgical cases, **xxxvi**, 321, **xxxix**, 310.
- Reinjection of, during amputation at hip-joint, **iii**, 512.
- Serum, its employment in surgery, **xx**, 477; hæmolytic reaction of, in cancer patients, **xliv**, 728.
- Studies of, in relation to surgical diagnosis, **xxxiv**, 361.
- Temperature of, attending simple fractures, **ii**, 158.
- Transfusion of, **v**, 86, **xliv**, 320; and infusion of, **iv**, 331; modified tube for, **xliv**, 115; and reinfusion of, **iii**, 226; technic of direct, **xlvi**, 329; value of, **xlvi**, 1051.
- Tumors, of cranium communicating with superior longitudinal sinus, **v**, 355.
- Urine, and, freezing point of, **xxxv**, 535, 692, 693.
- Reviews of Books: Blood-serum, Therapy, and Antitoxin, by Kriege, **xxi**, 617; Clinical Pathology of the Blood, by Ewing, **xxxix**, 155; Clinical Study of Blood Pressure, by Janeway, **xlvi**, 157; Blood Pressure in Surgery and the Treatment of Surgical Shock, by George Crile, **xxxix**, 310; Diseases of the Blood, by Hoch, **xii**, 239.
- Blood-vessels**, cicatrization in, after ligature, **i**, 567; gunshot wounds of, **xliv**, 745; plastic surgery of, **xliv**, 320; serous coat of, compared with the peritoneum, **xlvi**, 18.
- Suture of, circular, in man, **xxxii**, 728; end-to-end, after injury, **xxv**, 515; implantation, and transplantation of vessels and organs, **xlvi**, 373; technic of, **xlvi**, 350.
- Wounded, auscultatory symptoms of, **i**, 476, 477.
- Review of Book: A Study of Human Blood-vessels in Health and Disease, by Meigs, **xlvi**, 485.
- BLOODGOOD, JOSEPH C.**: Acute dilatation of the stomach, gastromesenteric ileus, **xlvi**, 736; intestinal obstruction due to volvulus or adhesions of the sigmoid colon, **xliv**, 161; intestinal obstruction following operation for surgical hernia, **xxxviii**, 806; results of operations for sarcoma of bone, **xxxiv**, 594.
- Blue œdema**, hysterical, **xviii**, 667.
- Suppuration, **xiv**, 159, 521.
- Bobbin**, use of potato, for facilitating enterorrhaphy, **xxv**, 485.
- BOCHDALEK**: Origin of ranula from the gland-tubes of the root of the tongue, **v**, 144.
- BODINE, J. A.**: Adequacy of local anæsthesia for inguinal hernia operations, **xliv**, 871.
- Body-heat**, preservation of, during operations, **xl**, 152.
- BOGART, ARTHUR H.**: Splenectomy for lacerated spleen, after blood transfusion, **xlvi**, 37; total laryngectomy for carcinoma, **xliv**, 193.
- BOGART, JOHN BION**: Empyema of the thorax in children, surgery of, **xxix**, 455; laparotomy for perforating typhoid ulcer of the ileum, **xxiii**, 596.
- BOGGS, RUSSELL H.**: Postoperative X-ray treatment of malignant disease, **xlvi**, 254.
- Boils**, infectious nature of, **vii**, 207.
- BOLTON, PERCIVAL R.**: Arthrotomy for fracture of the neck of the femur, **xxix**, 622; bullet wound of stomach and intestines, **xxxviii**, 450; colitis treated by valvular colostomy and irrigation, **xxxiii**, 753; compound dislocation of the elbow, **xxxv**, 515; contribution to the pathology of supra-acromial dislocation of the clavicle and of obturator dislocation of the hip, **xxxvi**, 586; echinococcus cyst of the liver, **xxxi**, 253; excision of testis, vas deferens, and seminal vesicle for tuberculosis, **xxxii**, 606; extirpation

- of spleen for rupture, **xxxi**, 734; forward dislocation of the semilunar bone, **xxxiv**, 291; injury of cauda equina, simulating spinal cord injury, **xxx**, 511; intraperitoneal rupture of bladder, **xxxvii**, 438; method of drainage of the ankle joint, **xliv**, 595; multiple birdshot wounds, **xxxiv**, 419; multiple septic infarcts of the right kidney (nephrectomy), **xliv**, 621; nephrectomy for tuberculous nephritis, **xxx**, 749; progress of repair of intestine ten days after suture, **xxx**, 345; prostatectomy, **xxxi**, 740; recurring stone in the bladder, **xxxi**, 760; removal of testes and seminal vesicles for tuberculosis, **xxxiv**, 306; spina bifida, **xxxiii**, 50; subcutaneous injury of the brachial plexus, **xxxv**, 582; suprarenal tumor, **xxxi**, 760; treatment of injuries of the spinal cord, **xxx**, 171, 332.
- BOND, C. J.**: Treatment of vesicovaginal fistula by operation from within the bladder, **xx**, 392.
- Bone or bones**, aneurisms of, so-called, pathology of, **xxxvii**, 834.
- Arteries of, behavior of, in disease and fracture, **xliv**, 737; distribution and relation to foci of disease, **xxxviii**, 893.
- Artificially increasing growth of, **vii**, 67.
- Atrophy of excessive, **xxviii**, 503; complicating ununited fracture in both forearms, **xxviii**, 503.
- Carcinoma of, following carcinoma of the breast, **xlvi**, 81.
- Cavities in, healed by implantation of decalcified bone, **x**, 352; iodoform-spermaceti mixture for filling, **xliv**, 926.
- Chips of, late results of implantation in cyst of tibia, **xxvi**, 223; from neighboring bone to fill defects in skull, **xliv**, 296.
- Clamp, in treatment of ununited fractures, **xxvii**, 553.
- Cranial, resected, regeneration of, **vii**, 463, 465; tuberculous osteitis of the flat, **iii**, 413.
- Cystic degeneration of, **vii**, 68.
- Cysts of, **xxviii**, 402; of long, **xliv**, 738; use of X-rays in diagnosis of, **xxxv**, 505.
- Decalcified, implantation of, **xvii**, 107.
- Defects of, congenital, in forearm and leg, treatment of, **xxi**, 238.
- Detachment, complete, of the facial, **i**, 73.
- Diseases of, in typhoid fever, **xix**, 748, **xxi**, 233, **xxii**, 623; value of X-rays in the diagnosis of, **xxxiv**, 753.
- Drill, hollow, **xxxvii**, 454; twist, **xxxvii**, 455.
- Dry necrosis of, **xx**, 615.
- Endothelioma and perithelioma of, **xliv**, 358.
- Filling, **xviii**, 460.
- Flaps, repair of, on a buried prosthetic apparatus, **xxvii**, 690; with skin, to remedy large defects in the tibia, **xxvii**, 250.
- Formation of new nasal skeleton from frontal, **v**, 59.
- Fractured, healed in deformity, **xvii**, 108; of long, development of callus after, **xii**, 261.
- General paretics, in, abnormal fragility and delayed and non-union of fractures of long, **vi**, 28.
- Grafting, **v**, 440; for cranial defect, cases of, **xxii**, 787; experiments upon, **ii**, 430; reimplantation, and, **i**, 959.
- Implantation, **xliv**, 792; histological observations after, **xviii**, 460.
- Infection, staphylococcus, **xliv**, 111.
- Intramuscular formation of, after trauma, **xxxvi**, 472.
- Ivory grafts in cranial defects, and, histological history of, **xxix**, 920.
- Joints, and, conservative and operative treatment of tuberculous of, **xii**, 455; management of tubercular disease of, complicated with suppuration, **xvii**, 423, 498.

- Leg, of, operative shortening of, after extensive destruction of soft parts, **v**, 551.
- Metastases, in carcinoma of the breast, **xlvi**, 323; of hypernephroma, **xliv**, 851, **xl**, 320, **xlvi**, 320.
- Necrotic and carious, removal by hydrochloric acid and pepsin, **xv**, 403.
- Operations on small tubular, for osteomyelitis, **ii**, 513.
- Osteogenic factors in development and repair of, **vi**, 289, 389.
- Osteoplastic splitting of, **xxv**, 665.
- Plastics and bone transplantation, **xlvi**, 779.
- Plates in gastro-enterostomy, **xix**, 658.
- Reimplantation of a trephine button of, **viii**, 155, 266.
- Resection of, in injuries with extensive loss of soft parts, **iii**, 525.
- Sarcoma of, **viii**, 155; of long, **xl**, 321.
- Surgery, a new motor for, **xlvi**, 303.
- Suture without drilling, **xvii**, 627.
- Syphilis of, **xlvi**, 199.
- Tarsal, excision of, **iii**, 206.
- Transference, **xli**, 249 (corrigenda, **xli**, 480), **xlix**, 820.
- Transplantation of dead, into soft tissues, **xxxvi**, 473.
- Tuberculosis of, **xxxv**, 287; closure of sinuses and abscesses complicating, **xxviii**, 516; conditions which predispose to, **i**, 466; experimental production of typical, **iv**, 79; question of heredity, **xi**, 70; treated by injections, **xv**, 1; by injections of iodoformized oil, **xi**, 73.
- Wiring of, **ii**, 501.
- Reviews of Books: Bone Setting, by Cotterell, **ii**, 523; Inflammations of Bones, by Condamin, **xix**, 381; Investigations on Bones, by Lexer-Kulinger-Turk, **xlii**, 479; Operations on Bones, by Ollier, **ix**, 399; Operative Treatment of Bones, by Billroth, **xvi**, 582; Transverse Excision of Tarsal Bones, by Schmidt, **vii**, 77; Treatise on Practical Anatomy of the Bones, by Bonning, **xv**, 161.
- Bony ankylosis** of temporomaxillary joint, **vii**, 468.
- Bony tumor** of nose, **v**, 502.
- BOOTH, ARTHUR, and B. FARQUHAR CURTIS: Report of a case of tumor of the left frontal lobe of the cerebrum, **xvii**, 127.
- BORCHARD, DR.: Balsam of Peru as therapeutic agent in treatment of wounds, **xlvi**, 926.
- Boston City Hospital Reports**, ninth series (review of), **xxiii**, 628, **xxviii**, 547.
- Bottini's method** of resection of condyles for bilateral osseous ankylosis of temporomaxillary articulation, **xvii**, 227.
- Bottini operation** and litholapaxy at one sitting, **xxxvi**, 17; for prostatic hypertrophy, **xxxvi**, 274, **xxxvii**, 622; transvesical cauterization as a substitute for, **xxxv**, 836.
- Bottle operation** for hydrocele, **xlvi**, 915, **xlvi**, 379, 480.
- BOUFFLEUR, ALBERT I.: Separation of lower epiphysis of femur, **xxxv**, 662; stricture of the oesophagus, **xxxvii**, 791; successful removal of desmoid fibroma from abdominal wall, **xxx**, 587; transvesical cauterization as a substitute for Bottini operation, **xxxv**, 838; **xxxvi**, 29.
- Bougie**, in retroperitoneal space, **xl**, 126; treatment of chronic gonorrhœa by means of grooved, **iv**, 374; by medicated metal, **iii**, 431.
- Bougies and catheters**, sterilization of, **xxix**, 661.
- BOVAIRD, DAVID, JR.: The status lymphaticus, **xxxv**, 641.
- BOVÉE, J. WESLEY: Contribution to the experimental surgery of the ureter, **xxvi**, 314; critical survey of ureteral implantations, **xxxii**, 165; splenectomy for congestive hypertrophy, **xxxi**, 705; uretero-ureteral anastomosis, **xxv**, 51.

- BOWE, EDWARD:** Parotitis following appendectomy, **xl**, 735.
- Bowel** (see also Intestine), abnormal ileo-appendicular fold causing partial occlusion of the, **xlvi**, 787.
- Anastomosis of, O'Hara's forceps to facilitate, **xxxiii**, 179, 207.
- Enterostomy for paralytic obstruction of, **xlvi**, 787.
- Gangrene of, relieved by intestinal resection, **xix**, 416; spontaneous, from mesenteric occlusion, **xxxix**, 554; in ventral hernia, **xxxiv**, 298.
- Gunshot wound of, **xxxiii**, 474.
- Large, practical points in the surgery of the, **xl**, 395.
- Obstruction of, by a band, **xxxiii**, 789; chronic, **xxxix**, 450; from cirrhotic mesentery, **xvi**, 575; due to gall-stone, **xxxiii**, 634; due to mechanical arrest of fecal current, **xxxiii**, 449; due to neoplasms, **xxxiii**, 457; after reduction of a strangulated femoral hernia, **xl**, 723; relieved by resection, **xxv**, 735.
- Perforation of, from kick of gun, **xxxiii**, 648; in typhoid fever, **xxvi**, 735, **xl**, 476.
- Prolapse of, through an unclosed Meckel's diverticulum, **xxviii**, 647.
- Strangulation of, operation under spinal anesthesia, **xxxiii**, 203.
- Surgery of, at Heidelberg, **xvii**, 730.
- Suture of by O'Hara's method, **xxxiii**, 650.
- Technic of vegetable plates in, **xvii**, 147.
- Tuberculous strictures and their treatment, **xvii**, 98.
- Bowel-union**, value of the different methods of, **xxx**, 125.
- BOWERS, L. G.:** Tumors of the mesentery, **xl**, 892.
- Bowl stand**, new, **xxxi**, 479.
- Bowleg**, osteotomy for, **xxxvi**, 450.

**Brace**, improved, for head extension, **xxxiii**, 185; for treatment of Pott's disease, **xxv**, 182.

**Brachial artery**, contusion of, **iii**, 512; end-to-end anastomosis of, **xlvi**, 152; gunshot wound of, **xxvii**, 666; rupture of, complicating elbow-joint dislocation, **ii**, 160, **xiii**, 144; suture of, **xl**, 107.

**Brachial plexus**, avulsion of, **xxxvi**, 411, **xl**, 137; extirpation of "neck rib" for pressure on, **xvi**, 272; intradural resection of roots of, **xxi**, 53; rupture of, complicating fractured clavicle, **xxxix**, 1011; rupture of, without fracture of clavicle, **xxxix**, 1013; subcutaneous injuries of, **xxxv**, 109, 582.

**BRADFORD, EDWARD HICKLING:** Ambulatory treatment of fractures in children, **xxiv**, 481; forcible correction of the angular deformity resulting from spinal caries, **xxx**, 537; operative dislocation of the head of the femur in tuberculosis of the acetabulum, **xxxvi**, 579; tenoplastic surgery, **xxvi**, 153; treatment of congenital dislocation of the hip, **xx**, 129.

**Bradycardia** following head injury, **xl**, 456.

**Brain**, abscess of, **ix**, 28, 340, **x**, 119, **xiii**, 206, **xix**, 542; chronic, **vi**, 480; connected with otitis media, diagnosis and evacuation of, **viii**, 208; evacuation of, **v**, 505; following compound depressed fracture of the skull, **xxx**, 327; following compound fracture of skull, **v**, 143; following trephining for epilepsy, **xxx**, 326; operations for, **xix**, 723; after otorrhoea, successfully operated on, **xvii**, 613; traumatic, **xl**, 650; after traumatic periencephalitis, **xxvii**, 57; traumatic, recovery after operation **xxvi**, 240; traumatic subdural, **viii**, 241.

- Bullet in, **xxxvii**, 946, **xliv**, 861; skiagraph of **xxv**, 478.
- Compression of, **ii**, 3, **iv**, 167; from extradural hemorrhage, **xxx**, 342.
- Cortex, abscess of, **xxxviii**, 116; sclerosis of, **xxxvii**, 274.
- Craniotomy for tumor of the, **i**, 640.
- Cyst, relieved by trephine, **xxvii**, 770; treated by operation, **xxiii**, 323.
- Effect of removal of wedges from and healing of wounds of, **ix**, 369.
- Extraction of pistol-ball from, through counter opening in skull, **i**, 573.
- Fibroma and cyst of, **xxxvii**, 276.
- Gigli saw, protection of, from, **xxxvii**, 505.
- Hernia of, operative treatment of, **ix**, 223.
- Injury to, with astereognosis, **xliv**, 129.
- Laceration of, **xiii**, 194.
- Lesions, coma in sudden spontaneous, **viii**, 130; in one thousand cases of head injury, **xliv**, 449, 593.
- Local influence of some antiseptics on, **xvii**, 612.
- Localization in epilepsy, improved method of, **xix**, 212.
- Operations, elevator for, **xxxvii**, 461.
- Operative attacks upon the human, **iv**, 499.
- Pressure, hemorrhagic, treated by trephining, **vii**, 401.
- Regeneration of tissue after traumatic lesions of, **ix**, 224.
- Removal of a tumor of the dura mater of, **iii**, 416.
- Sarcoma of, recurrence of, after sarcoma of nose, **v**, 502; removal of sarcoma of, **vi**, 149; secondary, **viii**, 232.
- Spinal cord, compression of, **x**, 183; surgery of, **viii**, 261.
- Surgery, advance in, **xxiii**, 316; contributions to, **xi**, 81, 113, 115, 350; experiences in, **xliv**, 481; field and limitation of, **ii**, 1, 110, 214; possibilities and limitations of, with especial view to traumatism, **xliv**, 531; sequestration anæmia in, **xliv**, 161.
- Tolerance of, to incision, **ii**, 19.
- Traumatism of, **xliv**, 449, 593.
- Tuberculoma of, successful extirpation, **xxiv**, 652.
- Tumor of, **xiii**, 104, **xxiii**, 748, **xxxvii**, 610, **xli**, 655, 794; double, trephining for the relief of pressure, **xix**, 685; extirpation of extensive, **xvi**, 388; fresh points in the operative treatment of, **xix**, 724; misleading localizing symptoms, **xiii**, 209; operations for the removal of, **xiii**, 207; proposal how to reach tumors of the chiasm, **xi**, 35; removal of, **iv**, 171, 499, **v**, 506; removal of, for cure of acromegaly, **xlvi**, 781; sarcomatous, **xiii**, 207, 208; trephining for, **ix**, 161, **x**, 265, **xxxii**, 855; value of trephining as a palliative measure in, **xliv**, 543.
- Vessels and membranes of, treatment of injuries of, **ii**, 21.
- Wound of, **vi**, 69; drainage in, **ii**, 15; gunshot, **xlvi**, 140, 465, **xliv**, 876; lacerated, **viii**, 303; pickaxe, **xx**, 93; revolver, **xii**, 60; sabre, **xii**, 220; of the venous sinuses of, **xxxiv**, 81, 187.
- Reviews of Books: Anatomy of the Brain and Spinal Cord, by Santee, **xxxix**, 317; Pyogenic Infective Diseases of the Brain and Spinal Cord, by Macewen, **xx**, 489; Surgery of the Brain, by Horsley, **xiii**, 194; Surgical Treatment of Diseases of the Brain, by Bergmann, **viii**, 283, **xii**, 340; Traumatic Injuries of the Brain, by Phelps, **xxviii**, 541; Treatise on Surgery of the Brain, by Starr, **xviii**, 473.
- Branchial carcinoma, **xx**, 599, **xxvii**, 187.
- Branchial cleft, tumors of, **viii**, 130.
- Branchial cysts, **ii**, 428, **iii**, 97, **xxx**, 517, **xliv**, 639; and fistulæ, **v**, 356; of the neck, **i**, 91.



**Branchial fistula**, xxxvii, 56, xliii, 854; excision of, xlv, 790; König's method of treating, xxxviii, 759.

**BRANHAM, JOSEPH H.**: Intestinal obstruction from strangulation by an adhesion band, xx, 59; recovery after laparotomy, xx, 59; tetany following thyroidectomy cured by the subcutaneous injection of parathyroid emulsion, xlviii, 161.

**Breast or breasts**, adenofibroma of, xxxiv, 181.

Amputation of, v, 512; functional results after, xlvii, 436; by Kocher's method, xxvii, 213.

Border-line tumors of, treatment of, xlix, 478, 557.

**Carcinoma** of, vi, 78, vii, 454, xxxii, 725; xliii, 316, xlix, 842; acute, xlix, 150; advanced, xxxvi, 454; advanced, operative possibilities in cases of, xxxviii, 321; amputation of both for, xxviii, 655; amputation of upper extremity after recurrence, cases, xxvii, 111; best incision in operations for, xxxiv, 135, 308; bone metastases in, xlv, 81, 323; causes of local relapse after extirpation, x, 383; directions of the spread of, xxvi, 277; duration of life in, ix, 375; end results following operations for, xlv, 1, 20, 28, 43, 51, 57, 72; enormous, excised, xxiv, 382; excision of xxv, 210; in female, ii, 156, 525; of female, thorough operation for, xvi, 263; influence of pregnancy on, xlv, 487; injuries to the axillary vessels during operations for, xxxix, 757; long-lasting immunity after removal of, xxxiii, 201; of male, xxviii, 655, xxxi, 741, xlii, 460, xliii, 301, xlv, 440, xlvii, 445, xlviii, 464; operations for extirpation of, xxvii, 781; operations for, at the Heidelberg clinic, xxxii, 856; operative technic of, xx, 180, xxv,

478; operative technic in, studies in, xlvii, 374; operative treatment of, xxiii, 607, xxvii, 401, xl, 805, xli, 159; recurrence at late period, xlviii, 527; recurrent, xxx, 509; recurrent, excision of costal cartilage and parietal pleura for, xxxvii, 775; results of Halsted's operation for, xxv, 363; results of operations at the Johns Hopkins Hospital, xxviii, 557; results of operations for, Pilcher, xx, 8, Murray, xx, 180, Halsted, xx, 497, Bull, xx, 605; with simultaneous sarcoma in the submaxillary region, xxvii, 65; at sixteen, xlv, 143; study of twenty-nine cases submitted to operation, xxvii, 285; treatment of, xxii, 451.

**Carcinomatous metastases** developing over three years after removal of the breast without local recurrence, xliii, 216.

**Closure of the wound** after the radical amputation of the, l, 837.

**Cystadenomata**, papillary, of, xlv, 188.

**Cystic degeneration** of, transformation into carcinoma, xxxviii, 336.

**Diseases of**, i, 588.

**Epitheliomatosis** of, xxviii, 716.

**Fibroadenoma** of (hypertrophy), xliii, 940.

**Fibroma** plus tuberculosis of, xxxii, 604.

**Hydatid cyst** of, ii, 157.

**Neoplasms of** male, i, 71, ii, 612.

**Pathogenesis of** certain abscesses of, xii, 64.

**Phagedenic ulceration** of, xlv, 672.

**Retention cyst** of, xv, 326.

**Sarcoma** of, xlii, 455, xlix, 426, 428; in a child of eleven years, xliii, 308.

**Substitution of lipoma** for, by plastic, xxv, 211.

**Tuberculosis** of, xx, 153, 417, xxviii, 685, xlii, 118; and meninges, surgical interven-

- tion, **xliii**, 161; primary, **1**, 804; urinary, **xxv**, 86, **xxxvii**, 510.
- Tumors of, **ix**, 376, 457; benign and malignant, **xlvi**, 316; benign, resection of, **xlvi**, 801; in childhood, **xlvi**, 662; male, **xxxviii**, 450.
- Young girls', painful, **iii**, 239.
- Reviews of Books: Cancer of the Female Breast, by Willard Parker, **ii**, 524; Diseases of the Breast, by T. Annandale, **i**, 588; Diseases of the Breast, by Rodman, **xlvi**, 299; Diseases of the Breast, by Williams, **xxi**, 252.
- Breslau clinic**, goitre operations at, **xxxi**, 660; treatment of tuberculosis of joints in, **xxix**, 393.
- BREWER, GEORGE EMERSON**: Abscess of left lobe of the liver, **xlvi**, 774; abscess of the pancreas, **xlvi**, 960; acetonaemia following operation for acute appendicitis, **xxxvi**, 481; acute diverticulitis of the sigmoid, with intra-abdominal abscesses, **xlvi**, 149; acute haematogenous infection of the kidney, **xl**, 1010; acute intestinal obstruction from strangulation of Meckel's diverticulum, **xlvi**, 309; acute unilateral haematogenous infections of the kidney, **xlvi**, 1054; adenoma of accessory thyroid, **xl**, 590; amputation at hip-joint, **xxxiv**, 781; amputation at hip for osteomyelitis of the femur, **xxxi**, 495; anomalies of kidney and ureter, **xlvi**, 125; appendicitis followed by abscess of lung and gangrene of gall-bladder, **xxxiii**, 761; appendicitis with misplaced appendix, **xlvi**, 138; arthrotomy for loose cartilage in knee-joint, **xxxiv**, 423; atypical cases of appendicitis, **xxviii**, 366; blastomycosis of the spine, **xlvi**, 151, **xlvi**, 889; brain abscess following compound depressed fracture of the skull, **xxx**, 327; brain abscess following trephining, **xxx**, 326; carcinoma of breast at sixteen, **xlvi**, 143, 145; carcinoma of the kidney, **xxxiv**, 827; carcinoma of the splenic flexure of the colon, **xlvi**, 150; carcinoma of the transverse colon, **xxxv**, 108; case of cervical rib, **xxxiv**, 578; cerebral injury due to a depressed fracture of the skull in an infant, **xlvi**, 125; closure of wounds without suture, **xxxii**, 447; complications after operations for appendicitis, **xxxii**, 450; compound depressed fracture of skull, **xxxiii**, 491; congenital inversion of the appendix, **xl**, 1015; critical review of a recent series of operations upon stomach, **xlvi**, 687; death after harelip operation, **xlvi**, 597; delayed chloroform poisoning, **xlvi**, 420; diagnosis of stone in the kidney, **xlvi**, 1055; diagnosis and treatment of abdominal contusions associated with visceral injuries, **xxxvii**, 197; double ureters, **xxxiv**, 582; emphysematous gangrene caused by *Bacillus aerogenes capsulatus*, **xxxiii**, 758; epiphyseal separation at head of humerus, **xxxix**, 291; epithelioma of palate and tonsils, **xxxvi**, 259; errors in diagnosis in conditions resembling appendicitis, **xxxiii**, 594; extirpation of iliac aneurism, **xxxiii**, 473; extraperitoneal rupture of bladder, **xxxvii**, 98; fecal fistula following general peritonitis, **xlvi**, 153; fecal fistula following gunshot wound, **xxxiv**, 424; follicular perforation of ileum, **xxxi**, 259; foreign body lodged between two strictures of the oesophagus, **xxxvi**, 261; gastro-enterostomy for haematemesis, **xl**, 263; general peritonitis, **xxxvi**, 443; general peritonitis from unknown cause, **xxxvi**, 784; gloves and skin disinfection, **xli**, 774; gunshot

wound of the abdomen involving the spleen, **xl**, 773; gunshot wound of the stomach, liver, and gall-bladder, **xxxix**, 100; hip amputation for diabetic gangrene, **xxxi**, 494, 501; hydatid cyst of the liver, with ligation of the portal vein, **xlvi**, 619; hydatids of the kidney, **xxxvi**, 491; indications for cholecystectomy, **xl**, 131; inoperable cancer of the tongue treated by excision of the external carotid artery, **xxxiv**, 567; interstitial nephritis, with multiple abscess formation, **xlvi**, 149; intestinal anastomosis by Maunsell's method, **xxviii**, 126; intracranial neurectomy for facial neuralgia, **xl**, 264; intussusception, **xxxi**, 249, 251, **xlii**, 593; Kraske's operation for cancer of rectum, **xxviii**, 126; laryngectomy, **xl**, 961; laryngectomy for epithelioma, **xxx**, 331; leucocyte count in surgery, **xxxii**, 145; Mayo's operation for septic arthritis of the knee, **xxxiv**, 825; nephrectomy, **xxxvi**, 779; new method for closing wounds in large arteries, **xl**, 856, 1027; oesophageal diverticulum, **xlvi**, 615; operation for cirrhotic ascites, **xxxvi**, 272; operation for tic douloureux, **xl**, 961; operations for hemorrhoids, **xli**, 459; osteoplastic resection of skull, **xxx**, 324; pain in brachial plexus due to pressure of cervical rib, **xli**, 767; papilloma of trachea, **xl**, 1012; perforating gunshot wound of the stomach, **xxxix**, 1002; posterior gastro-enterostomy, **xxix**, 751; postoperative intestinal obstruction, **xxxix**, 592, **xl**, 599; preliminary tracheotomy in laryngectomy, **xlix**, 865; primary typhilitis without appendicitis, **xl**, 964, 965; recovery from extensive peritonitis following appendicitis, **xxxiv**, 828; recovery from extensive peritonitis

following cholecystitis, **xxxiv**, 831; removal of external ear for epithelioma, **xxix**, 491; report on the surgical anatomy of gall-bladder and ducts, **xxix**, 721, 758; resection of intestine for gunshot wounds, **xxxiii**, 474; result of removal of the sternocleidomastoid muscle, **xl**, 1019; retrocolic abscess from appendicitis, **xxxix**, 102; retroperitoneal abscesses, **xxxv**, 107; rupture of the kidney, **xxxvii**, 97; rupture of the spleen, **xxxvi**, 278; ruptured tubal pregnancy, complicated by appendicitis, **xxxi**, 254; sarcoma of the fibula, **xxxvi**, 614; sarcoma of the inguinal glands, **xl**, 149; sarcoma of the pterygomaxillary fossa, **xxxvi**, 448; separation of the upper epiphysis of humerus, with dislocation, **xlvi**, 624; some practical deductions from personal experience in the treatment of appendicitis, **xlvi**, 158; stab wound of the stomach, **xxxvi**, 611; stone in common duct, with acute septic cholangitis, **xxxix**, 104; stone in common duct without characteristic symptoms, **xxxix**, 103; stone in the pelvic ureter, **xl**, 586, 588, **xli**, 132; strangulated inguinal and properitoneal hernia, **xxxix**, 290; suppurating hydatid liver cyst complicating cholelithiasis, **xlvi**, 615; surgery of peritoneal tuberculosis, **xlvi**, 147; surgery of the vascular system, **xlvi**, 476; suture of fractured olecranon, **xxxvi**, 610; suture of old rupture of quadriceps extensor tendon, **xxix**, 490; symmetrical gangrene of the legs in Raynaud's disease, **xxviii**, 125; thyroglossal dermoid, **xxxvii**, 96; transverse incision of knee-joint for drainage in severe infections, **xl**, 463; traumatic epilepsy, **xlvi**, 617, 618; traumatic rupture of the pancreas, **xlvi**, 619; traumatic subdural hæmatoma,

**xxxiii**, 328; traumatism of the kidney, **xxxix**, 597; treatment of wounds of the liver, **xli**, 139; trephining for epilepsy, **xxxi**, 497; two perforations of gastric ulcer within six months, **xlvi**, 620; ultimate results of neurectomy for torticollis, **xli**, 769; umbilical hernia, **xxxix**, 1005; use of gloves in operative surgery, **xxviii**, 135; vanishing tumor of the pylorus, **xliv**, 296.

**BRIDDON, CHARLES K.**: Amputation through the hip-joint, **xxvii**, 524; carcinoma of colon, **xxiii**, 601; carcinoma of the parotid gland, **xxx**, 219; case of laryngectomy, **xxi**, 59; cases of nephrectomy, **xx**, 168, 170, 417; cases of ruptured kidney, **xix**, 641; cholecystectomy, **xx**, 367; cholecystenterostomy, **xxiii**, 285; cholecystotomy, **xxiii**, 284, **xxvii**, 532; choledochotomy, **xxvii**, 529; cholelithiasis with cholecystitis, **xxxi**, 261; cholelithotomy, **xvii**, 206; coccygeal dermoid cyst undergoing epitheliomatous degeneration, **xx**, 171; contribution to the surgery of the pelvis of the kidney, **xxvii**, 416; control of hemorrhage during amputation at the hip-joint, **xxv**, 741; death from choking with vomit during anæsthesia, **xxvii**, 372; diagnosis of abdominal tumors, **xvii**, 339; dislocation of humerus complicated by fracture of the surgical neck, **xix**, 496; elbow-joint ankylosis, **xxix**, 364; excision of astragalus for talipes, **xxvii**, 529; excision of Gasserian ganglion, **xxiii**, 60; exophthalmic goitre, **xxi**, 66; exploratory incision in cases of large ovarian tumors, **xix**, 97; extirpation of sarcoma of tongue, **xxiii**, 193; extra-peritoneal uterolithotomy following nephrectomy, **xxi**, 29, 76; fracture of cervical vertebra, **xxix**, 341; gastro-

enterostomy with Murphy button, **xxii**, 794, **xxv**, 100; group of cases of appendicitis, **xvii**, 197; hip-joint amputation for sarcoma of femur, **xxi**, 62; hysterectomy for uterine fibroids, **xxi**, 592; ileotomy for carcinoma of colon, **xx**, 414; infection of omental stump after operation for hernia, **xvii**, 321; intestinal obstruction, **xvii**, 341; intestinal obstruction following appendicitis, **xix**, 677; intestinal obstruction by gallstone, **xxv**, 101; intestinal obstruction from twist of bowel caused by axial rotation of a mesenteric tumor, **xvii**, 63; intraperitoneal rupture of bladder, **xxii**, 706, 795; intussusception, **xx**, 418; jejunostomy for inoperable cancer of the stomach, **xvii**, 310; laparotomy for ectopic gestation, **xxi**, 63; laparotomy for typhoid perforation of intestine, **xxiii**, 198; ligation of common carotid for aneurismal tumor of the orbit, **xxx**, 227; lithotomy and prostatectomy after fracture of spine, **xix**, 609; nephrectomy for pyonephrosis, **xvii**, 318; nephrotomy for renal calculi, **xxx**, 367; nerve resection for sarcoma, **xxi**, 53; operation for carcinoma of penis, **xxix**, 342; operation for ectopic gestation, **xxii**, 797; operation for prolapse of ileum through unclosed Meckel's diverticulum, **xxviii**, 647; operative treatment of hernia, **xxi**, 589; parietal incision for gall-bladder operations, **xxiii**, 287; perforating wound of chest-wall, **xxix**, 495; place of the Murphy button in gastro-enterostomy, **xxvi**, 119; popliteal aneurism, **xxix**, 608; posterior gastro-enterostomy with Murphy's button, **xxix**, 485; posterior gastro-enterostomy for pyloric obstruction, **xxviii**, 251; preliminary tracheotomy in operations on the upper air-

- passages, **xxv**, 743; prostatectomy, **xxix**, 348; pyonephrosis and nephrectomy, **xxi**, 65; recurrent carcinoma of neck, **xxiii**, 739; removal of biliary calculi from the common duct by the duodenal route, **xxviii**, 517; removal of both breasts for carcinoma, **xxviii**, 655; removal of cervical lymphomata, **xxix**, 356; removal of tongue for carcinoma, **xxix**, 361; resection of joints for tuberculosis, **xxiii**, 181; results of castration for prostatic hypertrophy, **xxiii**, 741; results after operation for carcinoma of rectum, **xxvii**, 90; sarcoma of kidney cured by nephrectomy, **xxii**, 270; severe pharyngeal syphilitic stenosis relieved by operation after tracheotomy, **xvii**, 705; surgical treatment of diseases of the liver, **ii**, 51; technic of resections of the rectum, **xxi**, 56; technic of laminectomy, **xxv**, 106; thyroidectomy, **xvii**, 207, **xxiii**, 288; traumatic aneurism of the superficial femoral artery, excision, **xxix**, 605; treatment of renal tuberculosis, **xxvii**, 84; treatment of spine and cord injuries, **xxi**, 483; treatment of tubercular peritonitis, **xxv**, 738; trephining for Jacksonian epilepsy following depressed fracture of skull, **xvii**, 329; tubercular peritonitis, **xix**, 85; tumor of abdominal wall, **xx**, 372.
- Bright's disease** (see also Nephritis), decapsulation of kidney for, **xxxix**, 617; surgical treatment of, **xxxix**, 617.
- BRINKMAN, LEON**: Drainage of the chest in empyema without tubes, **xxxvii**, 952.
- BRINSMADE, WILLIAM B.**: Chyle cysts of the mesentery, **xlvi**, 565; Madelung's deformity of the hands, **xlvi**, 794.
- BRINTON, JOHN H.**: Choice of operations upon the male bladder, **xxx**, 353; fractured bones in the lower animals, **xxxviii**, 889; surgical relations of the thoracic duct in the neck, **xx**, 86.
- Brisement force**, suppuration after, **ii**, 345.
- BRISTOW, ALGERNON T.**: Avulsions of brachial plexus, **xxxiv**, 411; inequalities of the right and left femora, **i**, 313; inflation of the bladder as a preliminary to suprapubic cystotomy, **xxviii**, 683; stone in the bladder associated with intermittent pneumaturia and later fecal fistula, **xlvi**, 1013, 1057; use of air to dilate the bladder in suprapubic cystotomy, **xvii**, 667.
- Broad ligament**, hæmostasis of, **xxxv**, 802, 829; papillomatous cystic disease of, **ii**, 439; primary fibromyomata of, **xlvi**, 854.
- Bromide of ethyl** as an anæsthetic, **xiv**, 294; in dental surgery, **xi**, 219, 220; narcosis with, **xii**, 351, **xv**, 312.
- BROKAW, AUGUSTUS VON LIEW**: Removal of tack from bronchus, **xxxvi**, 847.
- Bronchial fistula**, thoracoplasty for, **xxxi**, 256.
- Lymph-glands, recurrence of hypernephroma in, **xxxviii**, 910.
- Bronchiectasis**, operation for, **xlxi**, 865.
- Bronchocele**, remarks on the symptoms, and results of operative treatment of, **xxx**, 564; on resection of, **iii**, 165; surgical treatment of certain forms of, **xxii**, 289, 792.
- Bronchoscopy**, **xxxix**, 194, **xlvi**, 321.
- Bronchotomy** through chest walls for foreign body impacted in bronchus, **xv**, 324; intramediastinal, **xxxvii**, 299.
- Bronchus**, foreign body in, **viii**, 136, **xii**, 364, **xxii**, 519, **xxxix**, 1019; **xlvi**, 369; metallic, **xlvi**, 447; posterior thoracotomy for, **xxviii**, 605, 656; removal of, by electro-magnet, **xl**, 358.
- Œsophagotomy** for a penny which had ulcerated into the, **vi**, 255.



- Removal of tack from right, **xxxvi**, 847; of tracheotomy tube from, **iv**, 72.
- BROOKS, MACY**: Hernia cerebri, **xlvi**, 146.
- Brow**, preservation of the nerve supply to, in the operative approach to the Gasserian ganglion, **xlvi**, 1.
- BROWN, F. TILDEN**: Aberrant adrenal growths, **xxxix**, 299; advantage of lateral position in certain operative procedures, **xlvi**, 302; air-distention of the bladder in suprapubic cystotomy, **xxv**, 141, 180; bursitis gastrocnemiosemimembranosa, **xxx**, 61; catheterization of the ureter, **xxx**, 645; cholecystotomy and carcinoma of the pancreas, **xxvii**, 535; cirrhotic ascites treated by peritoneal anastomosis, **xxxi**, 489; clamp for femoral vessels during hip-joint amputations, **xxiii**, 67; closure of intestinal perforations complicating typhoid fever by suture of, **xxxvii**, 380; Colles's fracture, with fracture of styloid process of ulna, **xxviii**, 651; composite cystoscope, **xxxv**, 642; compound dislocation of ankle in an aged man, **xxviii**, 647; control of hemorrhage during amputation at the hip-joint, **xxv**, 741; cystotomy for large vesical calculus not demonstrated by the X-ray, **xlvi**, 765, 766; differentiation of the urines, **xxx**, 661; dislocation of the patella, **xxxv**, 636; excision of gastric ulcer, **xxix**, 629; excision of gastric ulcer of posterior wall, **xxx**, 95; excision of knee in an adult for tuberculosis, **xxviii**, 646; excision of knee-joint for flexure ankylosis, **xxxix**, 285; fibrochondroma of the sphenoid, **xxx**, 97; fracture of patella requiring excision of the knee, **xxix**, 490; gangrenous pancreatitis, **xxxvii**, 942; gastric ulcer of posterior wall, **xl**, 419; gastro-enterostomy, **xxxvii**, 941; gastro-

jejunostomy for carcinoma of pylorus, **xxxvi**, 953; hæmaturia, **xlvi**, 602; hemorrhage from bullet wound of renal vessels, **xxxvii**, 948; hip-joint amputation, **xxv**, 93; hydro-nephrosis, **xlvi**, 628; implantation of dermoid tumor, Hartley's case, **xxiii**, 606; improved cystoscope, **xlvi**, 463; kidney board and arm galls, **xlvi**, 294; large branched calculus in each kidney, **xlvi**, 766; later history of tuberculous ureter after nephrectomy, **xxix**, 755; ligation of the vasa deferentia for prostatic hypertrophy, **xxiii**, 737, 744; Morrison's operation for ascites, **xxxvi**, 191, 272; movable cartilage in knee-joint, **xxxv**, 637; nephrectomy for calculous pyelonephrosis, **xli**, 131; nephrectomy for hydronephrosis, **xlvi**, 765; nephrectomy for renal hæmaturia, **xlvi**, 460; nephrectomy for renal tuberculosis, **xxix**, 609, **xxxiii**, 478, **xli**, 129, **xlvi**, 294; nephrectomy for traumatic rupture of the ureter, **xli**, 127; nephrectomy for wound of ureter during hysterectomy, **xli**, 126; non-obstructive postoperative anuria, **xxxiii**, 225, 336; operation for cure of relapsing inguinal hernia, **xxv**, 361; perforative cholecystitis, **xxxvi**, 270; perineal galvanocautery prostaticotomy, **xxxix**, 809; perineal prostatectomy, **xlvi**, 622; prostatectomy and epicystotomy for stones, **xxxvi**, 438; relapse after nephrectomy for renal sarcoma, **xxii**, 270; remarks on stone in the ureters, **xli**, 133; remarks on vasectomy, **xxvii**, 769; report of successful hip-joint amputations, **xxxiii**, 153; resection of epididymis for tuberculosis, **xxx**, 649; rupture of spleen, **xxxvi**, 280; ruptured bladder, **xl**, 271; secondary fracture of the patella, with extreme displacement, **xxviii**, 263; status of a

- case four months after right nephrostomy, **xlvi**, 455, 458, 459; stone in the ureter, **xlvi**, 767; subdural implantation of sheet of celluloid after trephining, **xxii**, 386; suprapubic partial prostatectomy, **xxxix**, 808; surgical crutch with adjustable leg-rests, **xxi**, 585; synchronous left ureterostomy and right nephrostomy for hydronephrosis due to ureter obstruction by bladder tumor, **xlvi**, 287; thyroidec-tomy, **xxv**, 92; traumatic strangulated inguinal hernia, **xxxix**, 287; treatment of general peritonitis, **xxxvi**, 443; treatment of paralytic talipes calcaneus by astragalectomy and backward displacement of the foot, **xlvi**, 291; treat-ment of tubercular cystitis, **xxxiii**, 335; tuberculosis of the kidneys, **xxix**, 496, **xxxv**, 416, 419; tuberculosis of the testis, **xlvi**, 290; typhoid perfora-tion, **xxxvii**, 287; unilateral renal hæmaturia due to pye-litis cystica, **xlvi**, 462; un-united fracture of the fore-arm, **xxxiv**, 416; ureteral transplantation and nephrec-tomy for tuberculosis, **xxxv**, 638; ureterostomy and nephrostomy for hydronephrosis, **xlvi**, 314; ventral hernia, **xxx**, 98; volvulus, **xxx**, 102, **xlvi**, 590.
- BROWN, GEORGE S.: Vesico-rec-tal fistula, operative relief of, **xxix**, 744.
- BROWN, R. M.: Studies in intes-tinal exclusion, **xlvi**, 568.
- BROWNLEE, HARRIS F.: Colossal dermoid cyst of ovary, **xlvi**, 90.
- BRYAN, ROBERT C.: Spontaneous rupture of the spleen in the course of typhoid fever, **i**, 856.
- BRYANT, JOSEPH D.: Abdominal tumors resulting from chronic appendicitis, **xxviii**, 262; an-æsthesia with nitrous oxide, **xxvii**, 669; aneurism of the external iliac artery, **xxviii**, 129; appendicitis, **xxi**, 509, **xvii**, 204; artificial bridge of nose, **xxxiii**, 45; biliary colic, **xvii**, 336; cocaineization of nares preliminary to gen-eral anæsthesia, **xxiii**, 62; colopexy for relief of pro-lapsus of rectum, **xxvi**, 165, 247; diagnosis of stone in kid-ney **xv**, 169; dislocation of humerus, complicated by frac-ture of surgical neck, **xix**, 494; distortion of the mesen-tery and its relation to in-testinal obstruction, **i**, 229; excision of the superior max-illa, **xi**, 305; experience in op-eration for appendicitis with-out division of muscular fibres, **xxi**, 310; inflammatory tumor of colon, **xxviii**, 128; internal intestinal strangu-lation and obstruction, **xiv**, 323; intestinal obstruction from Meckel's diverticulum, **xvii**, 342; large aneurism of exter-nal iliac artery apparently cured by needling, **xvii**, 312; kelotomy under cocaineization, **xx**, 371; ligation of external carotids for tumors of the jaws and nasopharynx, **xxiii**, 190; ligation of the external carotid artery, **vi**, 115; Malgaigne's operation for epithelioma of the lip, **xxviii**, 382; obscure shoulder injury, **xxvii**, 665; operative treatment of frac-tures of the patella, **xxi**, 605; oxygen gas with ether for anæsthesia, **xxiii**, 195; plastic attempts to replace destroyed noses, **xxvii**, 774; relations of the gross anatomy of the vermiform appendix to some features of the clinical history of appendicitis, **xvii**, 164; re-sults of operation for cancer, **xx**, 74; sarcoma of abdominal wall, **xx**, 373; traumatic cubi-tus varus, **xxxiii**, 48; treat-ment of fecal fistula, **xxviii**, 383; use of gloves in opera-tive surgery, **xxviii**, 136.
- BRYANT, T.: Mode of death from intestinal obstruction, **i**, 177.
- BRYANT, W. SOHIER: A new motor for bone surgery, **xlvi**, 303.

- BRYSON, JOHN P.:** Prostatectomy, technic of, **xxxii**, 874, **xxxvi**, 649.
- Bubo**, **v**, 11; development and extirpation of strumous, **xii**, 70.
- Bubonocoele**, suppurating, **ix**, 461.
- Buccal lymph-nodes**, situation and diseases of, **xxxii**, 375.
- BUCHANAN JOHN J.:** Cases of circular resection of pylorus and of cæcum, **xxvi**, 697; effect of X-ray on cancer, **xxxvi**, 295; fracture through the anatomical neck of humerus, with dislocation of head, **xlvi**, 659; Halsted's hammer used as an aid to the suture of the common bile-duct—report of case, **xxix**, 487; traumatic rupture of small intestine—recovery after abdominal section, **xxxii**, 673.
- BUERGER, LEO:** Indirect irrigating observation and double catheterizing cystoscope, **xliz**, 225; traumatic epithelial cysts, **xlvi**, 190.
- BUERGER and OPPENHEIMER:** Cyst of the prostatic urethra, **i**, 922.
- BULL, WILLIAM T.:** Accidents which may follow removal of portions of the omentum in operations for hernia, **xvii**, 269, 320; case of strangulated hernia, **xxv**, 366; excision of tarsus, **i**, 271; fracture of surgical neck of humerus complicated with dislocation, **xxv**, 362; gunshot wound of intestines, **i**, 479; laparotomy for perforating gunshot wound of abdomen, recovery, **iv**, 468, with death, **iv**, 475; observations on the mechanical and operative treatment of hernia at the New York Hospital of Ruptured and Crippled, **xvii**, 527; observations on the operative treatment of hernia, **xxviii**, 577; radical cure of hydrocele, **iv**, 30; rupture of bladder, **i**, 67; technic of testal anastomosis, **xvii**, 323.
- Bullet**, in brain, **xxxvii**, 946; effect of small-calibre, as used in military arms, **xxv**, 36; hollow-tip, action of, **xxix**, 651; migration of, **xvi**, 255; probe and forceps, new in principle, **xxiii**, 591; removal from cranial cavity, **xlvi**, 818; removed from femur, **xxxi**, 745; removed from ilium, **xxxi**, 746; with wad of clothing removed from the peritoneal cavity, **xxxviii**, 447; wound of the liver, section of the costal arch for, **xlvi**, 155; wounds, modern, **xl**, 834.
- BULLITT, JAMES B.:** Actinomycosis hominis of the lungs, **xxxi**, 600; intussusception subjected to operation, **xliv**, 674; mammoth ovarian tumors, **xxxi**, 87; obliteration of the stomach as a result of gastric ulcer-duodenostomy, **xl**, 30; practical gauze bandage roller, **xxvii**, 206; remarks on hospital beds with description of a new model, **xxvi**, 347; retrenchment of lipomatous abdominal wall combined with operation for radical cure of umbilical hernia, **xxxii**, 663.
- BUMSTEAD, S. J.:** Case of laparotomy for intestinal obstruction, **iii**, 139.
- Bunion**, surgical treatment of, **xlvi**, 300.
- BUNTS, FRANK E.:** Infantile hypertrophic stenosis of pylorus, **xlvi**, 946, 1053; Meckel's diverticulum, **xl**, 536.
- BURNETT, CHARLES E.:** Possible cause of difficulty in differential diagnosis of renal and hepatic calculi, **xxxvii**, 36.
- BURNETT, J.:** Sponge grafting, **i**, 550.
- Burns**, anatomical conditions found in sudden death after extensive, **x**, 214; cause of death after, **xxii**, 275; deformity of face from, **xxviii**, 138; by electric lamp, **iv**, 260; on top of head, followed by necrosis of osseous cap of cranium, **xl**, 641; by X-rays, **xxxiv**, 808.

- BURR, CHARLES W.:** Differentiation of vertebral syphilis from Potts' disease, **xxix**, 641; fracture of cervical vertebra, **xxix**, 637.
- BURRELL, HERBERT L.:** Contributions to the anatomy of congenital equinovarus, **xvii**, 393; fracture of the spine, **xlii**, 481; report of a case of anthrax, **xviii**, 605.
- Bursæ** about the knee-joint, **xlvi**, 724; subhyoid, extirpation of, **v**, 512; of the tuber ischii, hygroma and fibroma of, **xxxvii**, 393; tumors of, **vi**, 189.
- Bursal exostoses**, **iv**, 77; **ix**, 112; **xv**, 400.
- Bursitis** of the hips, bilateral tuberculosis, **xlvi**, 919.
- Buttock**, enterocyst of, **xxii**, 268; falls upon, in the aged, **xxxvii**, 388; traumatic aneurism caused by punctured wound of, **iv**, 333.
- BUXTON, BERTRAM H.:** Teratoma of the testis, **xxxiv**, 391.
- BYFORD, HENRY T.:** Dry treatment for open wounds and ulcers, **xii**, 241; extirpation of rectum per vaginam, **xxiv**, 631; treatment of hemorrhoids by plastic method, **xxix**, 306.

## C

- CABOT, ARTHUR TRACY:** Adhesions about the stomach, **xxxii**, 123; bony ankylosis of the temporomaxillary joint relieved by osteotomy of the neck of the inferior maxilla, **x**, 425; calculous anuria, its diagnosis and treatment, **xxxviii**, 503; case of sarcoma of cæcum, **xxiv**, 42; comparison of the merits of suprapubic and perineal cystotomy, **xxx**, 113; operation in cases of spina bifida and encephalocele, **xvi**, 121; question of castration for enlarged prostate, **xxiv**, 265, **xxv**, 121; study of the pathological conditions and their relation to the question of recurrent carcinoma of the breast, **xlvi**, 57.
- CABOT, HUGH:** Fracture of the os calcis and astragalus, **xlvi**, 51; restoration of the perineal portion of the urethra after destruction by fracture of the pelvis, **xlix**, 86.
- CABOT, RICHARD C.:** Blood in relation to surgical diagnosis, **xxxiv**, 361.
- Cachexia**, strumipriva, **i**, 72, 276.
- Cachexia thyreopriva** (see also Myxœdema), **xx**, 426.
- Cadaver**, Typical Surgical Operations on (review of), by Rotter, **vi**, 285.
- CADDY, ARNOLD:** Case of chondrocarcinoma of the testicle, **xxx**, 210; complete rectal prolapse treated by ventrofixation of the rectum, **xxi**, 153.
- Cæcal hernia**, **xv**, 122, **xxxix**, 155, 140.
- Cæcostomy** and appendicostomy, relative value of, in treatment of amœbic dysentery by irrigation of the colon, **xliii**, 543.
- Under cocaine, for incomplete intestinal obstruction, **xlvi**, 621.
- Cæcum**, adenoma of, **xlvi**, 758.
- Anatomy of appendix vermiformis and, **xvii**, 620.
- Carcinoma of, **xxxv**, 42, 216, **xlii**, 146; its extirpation, **xvii**, 371, **xxxi**, 244; producing intestinal obstruction, **xix**, 97; relieved by ileocolostomy, **xix**, 734.
- Circular resection of, **xxvi**, 697.
- Excision of, **ii**, 81, **xxxvii**, 785.
- Gangrene of, **ix**, 96.
- Ileum and, surgical relations of, **iv**, 520.
- Inguinal hernia of, **xlix**, 491.

- Lead pencil removed from, **xlili**, 451.
- Prolapse of, after appendicostomy, **xlvi**, 808.
- Resection of, for sarcoma, **xix**, 735.
- Tuberculosis of, **xlvi**, 763; primary, **xlvi**, 635.
- Volvulus of, **xli**, 63.
- Cæsarean section**, **i**, 496, **iii**, 178, 443, **xi**, 80; **xii**, 319; successful case of, **vi**, 280; technic in, an improved, **iv**, 554; in the United States, increasing mortality of, **iv**, 556.
- Calcaneum**, excision of, **iii**, 206; fracture of, **xxiv**, 39.
- Calcareous concretion** of pleura, resection of rib for, **iv**, 179.
- Calcis, os**, fractures of, **xli**, 363, **xlvi**, 51.
- Calculus anuria**, diagnosis and treatment of, **xxxviii**, 503.
- Calculus disorders** in South China, **iii**, 90.
- Calculus pyelitis**, nephrectomy for, **iii**, 170.
- Calculus pyelonephrosis**, nephrectomy for, **xxxv**, 403.
- Calculus and calculi** (see also **Bladder**, **Cholecystotomy**, **Cystotomy**, **Lithopaxy**, **Lithotomy**, **Lithotripsy**, **Nephrolithotomy**).
- Biliary**, **iii**, 86, 88, 381, 397; duodenal route for the removal of, from the common duct, **xxviii**, 481, 517, 525; eliminated through an abscess in right iliac fossa, **ix**, 227; impacted, **v**, 321; surgical intervention in certain cases of, **iv**, 339.
- Common duct**, **xl**, 593.
- Fibrous**, in the kidney, **xlvi**, 378.
- Gall-bladder**, **xxxvi**, 275.
- Gall-duct**, **xxi**, 214.
- Genito-urinary**, surgical management of, **xv**, 169.
- Horseshoe kidney** in, **xlvi**, 714.
- Operations**, modern transformations of, **iv**, 543; recurrence of, **v**, 282.
- Operative treatment** of, in pelvic portion of ureter, **xlvi**, 793.
- Preputialis**, **v**, 211.
- Removal of**, from gall-passages, **xxiv**, 761.
- Renal**, **ii**, 271, 423, **v**, 1, 166, 557, **xxix**, 237; enormous, removed, **vi**, 185; incision as a possible treatment in, **vi**, 257; results of operation for, **xlvi**, 1022, 1024, 1053; surgery of, **xi**, 52; and ureteral, diagnosis of obscure cases of, **xlvi**, 905.
- Transperitoneal examination** of ureter, in cases of, **xlvi**, 743.
- Ureter**, impacted in, **i**, 77.
- Ureteral**, **xlvi**, 733, **xlvi**, 445; in a child, **i**, 697.
- Ureters**, and, observations on, **xlvi**, 670, 718.
- Urethra or prostate**, impacted in, **ii**, 332.
- Urethral**, **iii**, 435; primary, **xli**, 242.
- Vesical**, **vi**, 33, **xlvi**, 710; choice of operations for extraction of, **iv**, 535; combined with papilloma, **xx**, 174; with communication with abscess in abdominal wall, **xlvi**, 766; encysted, **xx**, 175; enormous, **x**, 380; enormous, removal of, by the suprapubic route, **xi**, 1; latent, **iii**, 92; mulberry, **xli**, 785; operation for, **ii**, 334; spontaneous fracture of, **ix**, 274; statistics of operations for, **viii**, 223; treatment of, **xviii**, 434; white wax nucleus of, **xli**, 479; in women, **vii**, 470.
- Vulvo-vaginal glands**, of, **ii**, 517.
- CALDWELL, E. W.**: Bullet removed from cranial cavity, **xlvi**, 818.
- CALKINS, G. N.**: Biological aspect of carcinoma, **xlii**, 794.
- Callus** after fractures of long bones, Wasilieff on development of, **xii**, 261; reabsorption of, in fractured thigh from erysipelas, **v**, 437.
- Calomel**, subcutaneously for syphilis, **viii**, 62.
- Calvarium**, defect of, from injury, **i**, 73.
- Cambridge reaction** in the diagnosis of pancreatic disease, value of, **xlvi**, 183, 293.



- CAMPBELL, G. G.: Ether anæsthesia, clinical notes on 300 cases of, **xx**, 676.
- CAMPBELL, O. BEVERLY: Etiology of gall-stones, **xxxv**, 668.
- CAMPBELL, ROLAND PLAYFAIR: Contribution to the diagnosis of renal tuberculosis, **xlvi**, 13; rupture of intestine, **xlvi**, 661.
- Cannula, modification of the Crile transfusion, **i**, 786.
- Cancer and cancerous (see Carcinoma and Carcinomatous).
- Prostate, of the, **i**, 1144.
- Studies in, **xlvi**, **i**.
- Reviews of Books: Cancer of Kidney and Bladder, by Ribera and San José, **xlvi**, 123; Cancer and Tumor Formation, by Williams, **viii**, 238.
- Cancerous deposits, secondary, from inoculation, **i**, 481.
- Cancerous goitre, extirpation of, **xviii**, 553.
- Cancrum oris, cautery excision, **xxxiv**, 289.
- CANNON, WALTER B.: Gastro-enterostomy and pyloroplasty, **xli**, 686; movements of the stomach and intestines in some surgical conditions, **xlvi**, 512.
- Cantharides, in rabies, **vii**, 209.
- CANTWELL, F. V.: Operative treatment of epispadias, **xxii**, 689; sarcoma of stomach, **xxx**, 596.
- Capitulum radii, isolated dislocation outward of, **v**, 438.
- Caput obstipum, **i**, 580.
- Carbolic acid, device for distinguishing different solutions of, **iv**, 516; disinfecting action of aqueous solutions of, **iii**, 498.
- Gangrene, **xxix**, 284; of finger, **xlvi**, 245.
- Hydrocele treated by injections, **xiv**, 292.
- Pure, as an injection into hip-joint abscesses, **xxxiii**, 657; in the treatment of septic and suppurating wounds, **xxxv**, 432.
- Use of strong, in surgery, **xix**, 695.
- Carbolized dressings, paralysis of bladder from, **ii**, 85.
- Spray, cure of large ulcers of leg, by, **v**, 83.
- Carbuncle, **xxxvii**, 471; treated by erosion, **viii**, 301.
- Carcinoma, **vi**, 409, 423.
- Adeno-, of right kidney, **v**, 268.
- Advantages of abdominal over vaginal hysterectomy in, **xl**, 135.
- Aniline products in treatment of, use of, **xviii**, 522.
- Biological aspect of, **xlvi**, 794.
- Bladder, radical operation, **xl**, 261, 382.
- Bone metastases in, **xlvi**, 323.
- Breast, **v**, 512, **vii**, 454, **ix**, 375, **xlvi**, 316; causes of local relapse after extirpation, **x**, 383; female, **ii**, 156; female, contribution to statistics of, **xvi**, 265; male, **xxxi**, 741, 742, **xlvi**, 460; **xliv**, 440; **xlvi**, 464; operative treatment of, **xxii**, 451, **xxvii**, 113; **xl**, 805, **xli**, 159; operations for removal of, technic of, **xx**, 180, **xlvi**, 374, 447; recurrence after operation for, **xlvi**, 934; results of radical operations for the cure of, **xlvi**, **i**; statistics of, **vi**, 409.
- Cæcum, **xix**, 97, **xlvi**, 146; resection of the bowel for, **xxxii**, 244; extirpated, **xvii**, 371; relieved by ileocolostomy, **xix**, 734.
- Carbonate of lime for arresting growth of, **vi**, 249.
- Carcinomatous diseases and, **vii**, 195.
- Cartilage, **iv**, 350.
- Caustics in treatment of, use and place of, **xvii**, 392.
- Cervix uteri, **iii**, 359, 444.
- Cheek and lower jaw, **xxxii**, 498.
- Chemical hypothesis for the causation of, **xxxviii**, 280.
- Clinical study of, **xlvi**, 798.
- Colloid, of hand and forearm, **ix**, 144.
- Colon, anastomosis after extirpation, **xxxiii**, 292, 601; button anastomosis for ileocolic resection, **xxi**, 72; button anastomosis for relief of, **xxi**, 71; resection of intestine and suture over potato bobbin, **xxv**, 485.
- Corporis uteri, **iv**, 85.
- Curability of, **ix**, 223.

- Cutaneous, arsenical caustic treatment of, **xxix**, 649.
- Diabetes, and, **xxxviii**, 444.
- Diagnosis and treatment of, of the cæcum, **i**, 562.
- Diffusion of, through the veins, **xxv**, 512.
- End results following operations for, **xlvi**, **i**, 20, 28, 43, 51, 67, 72.
- Epididymis, removal of both testicles for, **viii**, 446.
- Erysipelas inoculations in the treatment of, **xviii**, 68.
- Etiology, **xxix**, 775; diagnosis, and treatment, **xxii**, 417; and histogenesis, **xxiii**, 234; hypothesis based on chemistry of the blood, **xxxviii**, 444.
- Experimental transfer of, **xi**, 152.
- Extremities, **x**, 171.
- Face, **ix**, 146, **xix**, 240.
- Fallacies, inherent in the parasitic theories of the etiology, some, **xvii**, 599.
- Formation of, **ii**, 429.
- Gall-bladder of, **xxxviii**, 600; and ducts, **xliv**, 866.
- Gastrectomy, partial, for, **xlili**, 438, 801.
- Gastro-enterostomy for specimen of, **xl**, 285.
- Generative organs, female, **xxii**, 462; male, **xxii**, 472.
- Guelliot on contagion of, **xvii**, 212.
- Gummatous lesions, transformation into, **vi**, 353.
- Hæmolytic reaction of blood-serum in, **xliv**, 728; tests for, **xlvi**, 1063.
- Head of pancreas, of, **xl**, 445.
- Hysterectomy, advantages of abdominal over vaginal in, **xl**, 135.
- Ileocæcal region, **xxxv**, 808.
- Ileum, **xix**, 472.
- Inoculability of, **xix**, 718.
- Inoperable, excision of external carotid arteries for, **xxxiv**, 569; treated by salicylic acid injections, **xix**, 721.
- Intestinal stricture, operations for, **xliii**, 154.
- Intestine, large, **iii**, 469; operative treatment of, causing intestinal obstruction, **xliv**, 261; operations, **iv**, 247; resection for, **iii**, 469.
- Jaw, lower, **xxxi**, 498; total excision, **xvii**, 296.
- Kidney, **iii**, 427.
- Knife, domain of, in treatment of, **xvii**, 398.
- Laryngectomy, unilateral, with non-recurrence after three years, **xxii**, 785.
- Larynx, **ix**, 144, 344; extirpation per vias naturales, **v**, 543.
- Law of accelerating risk, **xlvi**, 903.
- Leg, **iii**, 411.
- Lips, **xxii**, 445; results of operations, **iv**, 173; trichinous infection, **xlvi**, 332.
- Location of primary, **xi**, 149.
- Lung extension to spine, **iv**, 176; primary, **iv**, 176.
- Lupus, and, **vii**, 312.
- Man, in, question of spontaneous healing in, **xx**, 476.
- Massive electric sparks, in treatment, **xlvi**, 776.
- Metastases developing over three years after removal of the breast without local recurrence, **xlili**, 216.
- Micrococcus neoformans, relation of, **xxxvi**, 470.
- Morphology and etiology of, **xl**, 773.
- Mouth, of, **xxii**, 446.
- Neck, **xxiii**, 739.
- Nephrectomy for renal, **xii**, 389.
- Esophagus, **viii**, 212, **xxxii**, 298, **xlvi**, 809; gastrostomy for, **iv**, 237; **xvii**, 592; **xxi**, 177; **xxvi**, 243.
- Operation, cure by, **vi**, 76.
- Ovaries, frequency and operative treatment of, **vi**, 272.
- Pancreas, **v**, 339.
- Pancreatitis, chronic, resembling, **xlvi**, 315.
- Penis, **iii**, 412; operation, **xxix**, 343.
- Personal experiences, **vi**, 77.
- Pharynx, **xxii**, 450.
- Pregnancy, influence on, **xlvi**, 487.
- Present state of knowledge, **xvii**, 478.
- Primary, of the bulbous

urethra, **xxxix**, 375; of the female urethra, **xi**, 76; of hepatic ducts, **xlvi**, 728; of lymphatic glands, **ii**, 154.

Pylorus, **iii**, 524, **viii**, 472; excision, **iii**, 524; gastrojejunostomy for, **xxxvi**, 953.

Rectum, **iii**, 255, **vii**, 54, 138, **ix**, 131, **xxii**, 485, **xlii**, 273, 277, 279; colotomy for, **vi**, 78; excision of, **xvii**, 394, 503, **xvi**, 444, **xlvi**, 280; in first twenty years of life, **ii**, 342; method of extirpation of high, **ii**, 414; methods and results of excision of, **xv**, 373; sigmoid colotomy in, **x**, 79.

Recurrent, after extirpation, **xiv**, 250.

Secondary, development of, **iii**, 407; late, without local recurrence, **xlii**, 934.

Serum reaction in, **xlix**, 27.

Sigmoid flexure, **xvii**, 61.

Sixteen year old negress with, **xlvi**, 143.

Skin, use of arsenic, **xvii**, 612.

Spontaneous cure of, **xvii**, 611; healing in man, **xx**, 476.

Stomach, **viii**, 212, **xliii**, 927; gastrectomy for, **xxxix**, 997, 999; gastrostomy for pedunculated, **xxiv**, 310; new operations, **vi**, 450; pylorotomy, **xxxi**, 758; remarks on, **xlvi**, 972; removal of greater part for, **xxxiii**, 197.

Study of 170 cases, **xx**, **i**, 73, 76.

Surgical dissemination, **ii**, 98.

Testicle, in infants, **i**, 482.

Thorough operation for, **xvi**, 263.

Thymus-gland treatment of, **xlvi**, 86, 643, **xlvi**, 506.

Tongue, **xxii**, 446, **xliii**, 319; excision, **xxix**, 360, **xliii**, 437; remarks upon, **xxiv**, 682; removal of, **v**, 539; result after excision of, **xxix**, 359.

Toxine treatment, **xxvi**, 275.

Transmissibility, **xii**, 351; by contact, case of, **xvii**, 369.

Transmission by contagion, cases suggesting, **xxxiii**, 492.

Transplantation, in dogs, successful, **xxiii**, 237.

Ulcer, crateriform, a type of epithelial, **iv**, 357.

Unusually situated, partial gastrectomy for, **xlvi**, 444.

Urethra, **xix**, 461.

Uterus, **iv**, 367, 370, 371, **v**, 449; dilatation, **v**, 449; extirpation and amputation, **ix**, 150; high amputation, **iii**, 532; hysterectomy by the sacral route, **xvi**, 416; statistics, **iv**, 370; supravaginal amputation of cervix, **xvii**, 504, 507; vaginal hysterectomy, **iii**, 177, 359, 444, **vi**, 275, **xvi**, 83, 429, 477.

Vaginal hysterectomy for, **xix**, 697.

Walls of great vessels, treatment of, involving, **xxvii**, 94.

Why may recurrent, be locally worse than the primary disease in the same region? **xxvii**, 238.

X-ray dermatitis, multiple, following, **xlvi**, 649; treatment, effect of, **xxxvi**, 293; final results, **xlii**, 161; postoperative, **xlvi**, 254; value of, **xlii**, 799, 910.

Youths, in, **xxxii**, 608.

Reviews of Books: Carcinoma, by Parker, **ii**, 524; Carcinoma and Tumor Formation, by Williamson, **viii**, 238; Carcinoma of Mouth, Tongue, etc., by Jesset, **v**, 96; Contagion of Carcinoma, by Guelliot, **xvii**, 212; Das Gewebe und die Ursache der Krebsgeschwulste, by Finley, **xxxix**, 316; Lectures on Carcinoma, by Spencer Wells, **x**, 147; Nature and Origin of Carcinoma, by Feinberg, **xxxix**, 316; Operations for Mammary Carcinoma, **xxxiv**, 309.

Cardiac impulse in relation to opening the cranial, pleural, and abdominal cavities, **xii**, 273.

Cardiolysis and its indications, **xxxviii**, 907.

Cardiospasm, **xliii**, 224, 928.

Cargile membrane, **xlii**, 159; experimental and histological study of, **xlix**, 787, 801.

Caries from otitis media, operative treatment of, **i**, 580; sicca, **xlvi**, 151.

CARMALT, W. H.: Conditions de-

- manding excision of the globe of the eye, **xvi**, 211; presidential address, American surgical association, **xlvii**, 1044.
- CARMANY, H. S.**: Excision of half of the lower jaw and half of the tongue for epithelioma, **xlvi**, 305.
- Carotid arteries**, contribution to the surgery of, **xxv**, 617; temporary closure of, **xxxv**, 441.
- Carotid artery, common**, aneurism of, cured by ligature, **xvi**, 433; distal ligation of right, simultaneously with right subclavian, **xliii**, 336.
- Fishbone wound of, **iii**, 234.
- Ligature of, **v**, 350, **xlvi**, 931; ligature, for aneurism, **ii**, 415; for aneurismal tumor of the orbit, **xxx**, 227; distal ligation of, for aneurism, **xxxv**, 280; ligature of both, **xl**, 669; ligature of, for intracranial aneurism, **xiv**, 410; ligature of both, **xxxvii**, 443; ligature of, death from anomaly of circle of Willis, **xxxviii**, 878; preliminary, ligature of, in resection of upper jaw, **xxxv**, 684; ligature of, for secondary hemorrhage, **xii**, 116; simultaneous, of both carotids, **x**, 265; subclavian and, for innominate aneurism, **v**, 538.
- Thrombus of, **xli**, 778.
- Carotid artery, external**, excision for inoperable cancer of the larynx and pharynx, **xxxiv**, 568; for inoperable cancer of the tongue and floor of the mouth, **xxxix**, 567; with ligation of internal, for malignant disease, **xlii**, 310; for malignant growths, **xxvii**, 127; for malignant tumors of the skull, **xxix**, 259; for sarcoma, **xxvi**, 366; for sarcoma of upper jaw, **xxiv**, 494; for starving malignant growths, **xxxii**, 296.
- Ligature of, **x**, 183, **xl**, 257, 269, **xlix**, 767, 862, 872; for cirroid aneurism, **xxxiv**, 414; for hemorrhage, **xxxiv**, 21; for malignant disease of face, **xxx**, 228; for nasopharyngeal sarcoma, **xxiii**, 189; preliminary, **xviii**, 257, **xlix**, 862.
- Carotid artery, internal**, erosion of, with hemorrhage from exterior auditory meatus, **i**, 559; fatal hemorrhage in carcinoma, **xii**, 221.
- Traumatic aneurism of, **iv**, 164; causing pulsating exophthalmos, **xxxix**, 649, **xlvi**, 928.
- Carotid body**, endothelioma of, **i**, 808; tumor of, **xliv**, 393, 460.
- Carotid gland**, endothelioma of, **xliv**, 460.
- Carpal bones**, dislocation of individual, **xxxvii**, 296, 402; fracture and dislocation of the, **xxxiv**, 298.
- Carpal scaphoid**, dislocation of, **xxxviii**, 97.
- Fracture of, **xlii**, 260, **xli**, 321, 863; with habitual dislocation, **xli**, 265; with dislocation of the semilunar, **xlvi**, 161; simple, **xlvii**, 72, 130.
- Carpometacarpal** dislocation, **xliii**, 906.
- Carpus**, dislocation of, **xliii**, 939; method for resection of, **xiv**, 524.
- CARREL, ALEXIS**: The reversal of the circulation in a limb, **xliii**, 203.
- CARSON, NORMAN BRUCE**: The cranial "cracked-pot" sound as a symptom of cerebellar tumors, **xxviii**, 329; intramesenteric perforation of small intestines in typhoid fever, **xxxvi**, 623.
- Cartilage**, carcinoma of, **iv**, 359; epiphyseal changes, after articulation, **xii**, 449; growths in larynx, **xi**, 282; intermediary, studies in the transplantation of, **xx**, 617; movable, in knee-joint, **xxii**, 114, **xxxv**, 637.
- CARTLEDGE, A. M.**: Intussusception subjected to operation, **xliv**, 674.
- CARTNETT, JOHN BERTON**: Surgical hernia of cæcum, **xlix**, 491.
- CASSELBERRY, WILLIAM E.**: Carcinoma of the larynx, **xxxvi**, 620.

**Castor oil and balsam of Peru**  
 • mixture as a surgical dressing, **xxvi**, 329.

**Castration, double**, **vi**, 31.

Female, in cavernous myofibroma of the uterus, **iv**, 370.

Myomata, for, **xxii**, 409.

Osteomalacia, in, **xxii**, 412.

Prostatic hypertrophy, for, **xxi**, 217, **xxiii**, 486, 687, 741, **xxiv**, 223, 265, 388, **xxv**, 381; without benefit, **xxxviii**, 378; questions involved in, **xxvi**, 107, 121; results, **xxii**, 1, **xxvii**, 684, **xxxii**, 309; for recurrent carcinoma of epididymis, **viii**, 446.

Treatment of wound after, **v**, 8.

Tuberculosis of testicle, for, **vi**, 54, **xli**, 778, **xlvi**, 292; primary, **ix**, 387; primary, **x**, 169; results, **xxxvi**, 309.

Unilateral, effects on the prostate, **xxi**, 492.

Value of, to facilitate detection of stone in the bladder in the presence of prostatic hypertrophy, **xxvii**, 329, 383.

**CATELLANI, L.**: Inguinal hernia, without a peritoneal sac, **xxviii**, 712; presence of cæcum and appendix in left femoral hernia, **xxviii**, 708.

**Catgut**, arrangement of, **viii**, 450; bacteriological researches upon its manufacture, **xiv**, 156; chromicized, the preparation of, **xxiii**, 768; dry iodine, **xlii**, 321; formalin, **xxiii**, 187; infection, **xi**, 218, **xiv**, 155, **xxiii**, 109; silverized, **xlvi**, 110, **xlvi**, 769.

Sterilization of, by bichloride of palladium and of mercury, **xxii**, 801; by boiling in olive oil, **xx**, 56; by formaldehyde gas, **xxix**, 290; by the Jefferson method, **xxvii**, 49; by maceration in ether and ether solution of corrosive sublimate, **xix**, 591.

**Cathartics**, the abuse of, in obstruction of the bowels, **xliv**, 155.

**CATHCART, CHARLES W.**: Ligation of the lingual artery through the mouth in excising half of the tongue, **xxxvi**, 15; recent con-

tribution to the literature of cholecystotomy, **iii**, 397; surgery of the liver, discussion at the 1886 meeting of the British Medical Association, **v**, 234.

**Cathelin urine divisor**, test as to efficiency of, **xxxvii**, 799.

**Catheter**, celluloid, removed by absorption from the bladder, **xi**, 294; fever, **ii**, 239, **xii**, 72, **xliv**, 90; has it a place in the treatment of chronic prostatic hypertrophy, **xli**, 492; in peritoneal cavity, **xxxviii**, 446; renal, as an aid in the diagnosis of valve-like obstruction of the ureter, **xlvi**, 870; simple method of fastening in, after perineal section, **xii**, 77.

**Catheterization**, dangers attending, in certain forms of retention, **xi**, 295; of male urethra, **v**, 84.

**Catheters and bougies**, sterilization of, **xxix**, 661.

**Cauda equina**, endothelioma of, **xlii**, 279; injury of, **xxx**, 511; tumor of, removed by operation, **xlvi**, 603.

**Caustics**, use and place of, in treatment of carcinoma, **xvii**, 392.

**Cavernous sinus**, alveolar abscess with thrombosis of, **iv**, 170.

**Cells**, Hansemann's studies on, (review of), **xviii**, 691.

**Cellulitis**, prevesical idiopathic, **xvii**, 105; retroperitoneal, complicating posterior urethritis, **xxi**, 196.

**Celluloid plate**, use of, to supply defects in cranial wall, **xxviii**, 132.

**Celosoma**, case of, **xliv**, 290.

**Cephalhydrocele**, traumatic, **viii**, 304.

**Cerebellar fossa**, operations in, **xliv**, 753.

**Cerebellum**, abscess of, successfully treated by operation, **xvi**, 387; serous cysts in, **xvi**, 387; tumors of, cranial "cracked-pot" sound as a symptom of, **xxviii**, 329.

**Cerebral, cerebrum** (see Brain).



**Cerebral abscess**, and cerebellar abscess, trephining for, **xi**, 352, 355, 356, 357; due to otitis media, **xxiii**, 66; operations for, **xix**, 723; after orbital periostitis, **iv**, 334; after otorrhoea, successfully operated on, **xvii**, 613; subdural, **xi**, 81; traumatic, **xl**, 650; after traumatic periencephalitis, **xxvii**, 57; trephine treatment for aphasia from, **xii**, 216.

**Concussion**, contribution to the theory of, **xxiii**, 163.

**Contusion**, **xliii**, 936.

**Cyst**, insanity from, cured by aspiration, **iii**, 522; trephining for, **xxvii**, 770.

**Disease**, trepanation for, **xv**, 467.

**Exploration**, case of, **xvi**, 434.

**Hemorrhage**, traumatic, **xlvi**, 633.

**Hernia**, **xlvi**, 146; treated by silver-plate obturator, **iii**, 520.

**Injury**, due to depressed fracture of the skull, **xlvi**, 125.

**Localization**, necessity of surgeon's study of, **ii**, 110.

**Pressure**, **xxxv**, 679.

**Sinuses**, surgical occlusion of, **xxix**, 135, **xxviii**, 161; thrombosis of, due to otitis media, **xxiii**, 114.

**Surgery at the congress of Italian surgeons in 1892**, **xvi**, 541; experiences in, **xl**, 481; statistical contribution to, **i**, 197.

**Trauma**, with astereognosis, **xl**, 129.

**Tumor**, **xli**, 653, 794; of the dura mater, removal of, **iii**, 416; fresh points in the operative treatment of, **xix**, 724; of left frontal lobe, report of a case of, **xvii**, 127; one hundred cases of, **iv**, 510; removal of, **xi**, 113.

**Reviews of Books**: Treatise on Cerebral Surgery, by Broca and Maubrac, **xxiii**, 771; Tumors of the Cerebrum, by Mills, **xl**, 795.

**Cervical adenomata**, extirpation of, **x**, 246.

**Fascia**, rôle of, in producing anteroposterior curvatures of the spine, **xxvi**, 676.

**Glands**, enlarged, operative technic of removal of, **xxviii**, 229.

**Lymph-nodes**, tubercular, surgical treatment, **xlii**, 49; technic of early operation for the removal of, **xlvi**, 169.

**Meninges**, intradural tumor of, removal, **xxxix**, 934.

**Region**, dislocation of vertebræ in, **xliv**, 641.

**Rib or ribs**, **xl**, 437, **xxviii**, 509, 578, 637, **xli**, 766, **xlii**, 123, **xliv**, 630, **xl**, 638; with symptoms resembling subclavian aneurism, **xli**, 399.

**Sympathetic ganglia**, excision of, for exophthalmic goitre, **xxxiii**, 469.

**Vertebra or vertebræ**, dislocation of, **i**, 75, 77, **xxix**, 341; exploratory operation in, **iii**, 490; fractures of, **x**, 155, **xxix**, 638; second, fracture with recovery, **xli**, 472.

**Cervix uteri**, Cæsarean section on account of a fibroid tumor of, **iii**, 443; carcinoma of, **iii**, 356, 444; surgical treatment of, lacerations of, **xxvii**, 333.

**Chair and sewing cushion** for working schools, **xvi**, 270.

**Chancere**, excision of, **ii**, 299; primary, **viii**, 62, 67; recurrent, **iii**, 363; of tongue, **xxii**, 353; of tongue, throat, etc., **iv**, 86; of uterus, non-infecting, **vi**, 355.

**CHAPMAN, W. LOUIS**: Postoperative pneumonia, with experiments upon its pathogeny, **xxxix**, 700.

**Charcot's disease**, **i**, 256, 259, **xxi**, 588; of the hip in locomotor ataxia, **xx**, 369; of the knee, **xxv**, 489; resection of knee-joint for, **xxxii**, 130; of the tarsal joints, **xliv**, 119.

**Charts** for recording surgical cases, **xxxii**, 823.

**CHASE, HENRY MELVILLE**: Diagnosis and treatment of fracture of the carpal scaphoid and dislocation of the semilunar bone, **xli**, 321, 863; operation in spinal-cord injuries, **xxxix**, 495.

- CHAVASSE, THOMAS F.: Interscapulothoracic amputation for injury, **xxiv**, 182; on thyroidectomy, **vi**, 1; treatment of urethral strictures by Wheelhouse's method, **viii**, 167.
- Cheek**, angioma of, injection of ferric perchloride in, **ix**, 453; carcinoma of, **xl**, 601, **xlvi**, 814, **xlvi**, 313; gangrene of, **xxvi**, 241; lymphangioma of, **xliv**, 945; method of operation in extensive cancerous growths involving the jaw and, **xlvi**, 515; plastic, after excision of epithelioma, **xxxviii**, 113, **xxxix**, 812; new method, **vi**, 499.
- Treatment of large defects of mucous membrane of, **xi**, 379.
- Use of tongue in supplying a defect of the, **xl**, 573.
- CHEESMAN, WILLIAM S.: Dislocations of the patella, with rotation on its horizontal axis, **xli**, 107; extirpation of a hypernephroma from an infant, **xl**, 91.
- Cheiloplasty** by borrowing from healthy lip, **xxii**, 131; methods of, **xxi**, 358.
- Chemical irritants** as causes of suppuration, **ii**, 497.
- Chemistry** (reviews of books on), Essentials of Medical Chemistry, by Wolff, **ix**, 478; Text-book of Physiological Chemistry, by Simon, **xxxv**, 136, **xlii**, 965.
- Chemotaxis** and leucocytosis, relation of, to the action of antiseptics, **xxv**, 370.
- Chest**, dermoid cyst of, **x**, 389; drainage without tubes, in empyema, **xxxvii**, 952; empyema, drainage in, **xxxvii**, 956; mammillaplasty at, **ix**, 277.
- Wall and diaphragm, resection of, for primary sarcoma of pleura, **xliii**, 645; enchondroma of, involving diaphragm, successful removal, **xxxvii**, 724; excision of portions of, for malignant tumors, **xliii**, 35.
- Wounds, involving internal mammary artery, **ix**, 365; penetrating, **xl**, 675, **xliv**, 950.
- Reviews of Books: Diseases of the Chest, by Harris, **ix**, 316; Diseases of the Chest, Throat, and Nasal Cavities, by Ingal, **xvii**, 378; Injuries of the Chest, by Bennett, **i**, 587; Surgical Diseases of the Chest, by Beck, **xlvi**, 646.
- CHETWOOD, CHARLES H.: Prostatectomy in two stages, **xliv**, 563; prostatism without enlargement of the prostate, **xli**, 497.
- CHEVERS, MARTIN JOSEPH: Branchial fistula, **xliii**, 854.
- Chewing gum**, nucleus for vesical calculus, **xli**, 479, **xliv**, 292, 479.
- Chiasm**, proposal how to reach tumors of, by operation, **xl**, 35, 124.
- Chicago Surgical Society, Transactions of, **xxxiii**, 75, 339, 494, 653, 801, **xxxiv**, 193, 320, 839, **xxxv**, 287, 426, 659, 829, **xxxvi**, 155, 459, 617, **xxxvii**, 290, 463, 785, 961, **xxxviii**, 310, 453, **xxxix**, 131, 454, 617; **xl**, 288, 436, 601, **xli**, 302, 625, 791, **xlii**, 137, 302, 626, 779, 794, **xliii**, 462, 630, 703, 944, **xliv**, 141, 463, 623, 630.
- Child**, is resection of the knee-joint justifiable in the, **ix**, 439; laparotomy in a, one hour old, **ix**, 226; subluxation of head of radius in, **ix**, 401; traumatic aneurism in, under one year, **ix**, 225.
- Review of Book: Frozen Section of a Child, by Thomas Dwight, **i**, 189.
- Childhood**, breast-tumors in, **xlviii**, 662; congenital tumors of, **xxx**, 600.
- Reviews of Books: Diseases of Childhood, by Donkin, **xix**, 377; Surgical Diseases of Childhood, by Schoenborn, *et al.*, **vii**, 317.
- Children**, comparative danger of various anesthetics in, **xxxix**, 815; empyema in, after-condition, **xvi**, 569; knee-joint excisions in, **iii**, 258, **viii**, 461; nocturnal enuresis in, **xi**, 65; peritonitis in, from unknown sites of infection, **xlviii**, 821,

- 932; subluxation of head of radius in young, **iii**, 530; suspension treatment of fracture of femur in young, frame for, **xlix**, 105; tuberculosis of knee-joint in, operation in, **iii**, 176; vesical calculus in, operations for, **vi**, 178, 179; weak ankles in, **xxxv**, 284.
- Reviews of Books: Surgical Diseases of Children, by Owen, **iii**, 447; *Idem*, by D'Arcy Power, **xxii**, 539.
- Children's Hospital of Boston (review of), report of, **xxiii**, 628.
- China, south, lithotomy in, **iii**, 90; suprapubic lithotomy in, **xv**, 76.
- Chirurgie (see Surgery).
- Chloroform, dangers of anaesthesia by, **vi**, 143; deaths from, in 1884, **ii**, 409; deaths from, in 1885, **iii**, 512; effect of, on blood-pressure, **xxxvi**, 302; and ether narcosis, **xii**, 271; or ether—which? **vi**, 327; fatal after action of, **xi**, 467; influence of, on the kidney, **xix**, 719, 720; poisoning, delayed, pathology and metabolism of, **xl**, 419; puncture of the heart in narcosis, **vi**, 251; report of the second Hyderabad commission on the action of, **xi**, 449; resuscitation, new method of, **xvi**, 162.
- Syncope, treatment of, **xvi**, 252.
- Use in tracheotomy, **xv**, 477.
- Review of Book: New Theory of Chloroform Syncope, by Kirk, **xii**, 234.
- Cholangitis, acute septic, with gall-stone, **xxxix**, 104; due to colon-bacillus infection, **xl**, 922; suppurative, **xxx**, 230.
- Cholectomy, five cases of, **xxiii**, 326.
- Cholecystectomy, **iv**, 339, **v**, 321, 549, **xv**, 329, **xvii**, 334, **xx**, 367, **xxxiii**, 188, 189, **xxxvii**, 602, 774, 779, **xxxix**, 240, 271, 279; cause of death after, **xl**, 792; and choledochotomy, **xxxi**, 764; **xl**, 593; following splenectomy for rupture of spleen, **xl**, 436; with formation of choledoduodenal fistula, **xv**, 481; for gall-stones, **xl**, 120; primary, **xl**, 44, 128, 129, 134; report of eight cases with remarks upon technic, **xvii**, 232; *vs.* removal of the mucous membrane of the gall-bladder, **xxxvi**, 503.
- Cholecystenterostomy, **xi**, 113, **xix**, 731, 733, **xxiii**, 285, **xxxv**, 105; in an aged patient, **xxiv**, 638; combined with entero-anastomosis, **xxxviii**, 763.
- Murphy's button for, **xix**, 733, **xxi**, 73; death from hemorrhage, **xxi**, 581; ultimate stenosis of aperture, **xxi**, 485.
- Cholecystitis, **xxix**, 435, 495, **xxxiii**, 785; acute, complicating typhoid fever, **xxxiii**, 68; complicated by Brown atrophy of heart, **xl**, 792, 918; followed by extensive peritonitis, recovery, **xxxiv**, 831; gangrenous, **xix**, 197, 244, **xxxvii**, 115; gangrenous, after appendicitis, **xxxiii**, 761; non-calculous, **xl**, 834; operative treatment of, **xxx**, 350; perforative, **xxxvi**, 270; relation to jaundice and gall-stones, **xxxi**, 443; serous, and suppurative cholangitis, **xxx**, 230; suppurative, **xxx**, 229; suppurative, due to typhoid bacillus, **xxxvi**, 455; treatment, operative, of acute infections of, **xxxviii**, 140.
- Cholecystocysticocholedochotomy, **xxiv**, 373.
- Cholecystolithotomy, **xxviii**, 660.
- Cholecystostomy, **xxxiii**, 785; improved technic for, **xxvii**, 53.
- Cholecystotomy, **i**, 76, 362, **ii**, 271, 272, **iii**, 86, 88, 380, 397, **iv**, 183, 184, 251, **v**, 230, 237, 549, **vi**, 164, **vii**, 51, 400, **viii**, 214, 215, 312, **ix**, 98, 100, **x**, 274, 275, **xi**, 129, **xiii**, 152, **xiv**, 422, **xix**, 678, **xxii**, 86, **xxiii**, 179, 284, **xxiv**, 61, **xxvii**, 532, 535, **xxxi**, 644, **xxxv**, 647, **xxxvi**, 142, **xxxix**, 107, 600, **xl**, 134; for empyema of gall-bladder, **xii**, 335; for gall-stones, **xii**, 330; gall-stones

- formed around silk sutures after, **xxvi**, 114; on the left side in a case of transposed viscera, **xxix**, 593; by the lumbar incision, **x**, 241; for pancreatitis, **xl**, 959.
- Choledoch duct**, contribution to the history of operations on, **xxv**, 80.
- Choledochocystotomy**, case of, **xxvii**, 203.
- Choledochoduodenostomy**, **xxxvii**, 779.
- Choledocholithectomy**, **xx**, 741.
- Choledocholithotomy**, cases of, **xxiv**, 58, 59; question of priority in, **xxviii**, 155; technique of, **xxiv**, 761.
- Choledochotomy**, **xxvii**, 529, **xxxvii**, 779; and cholecystectomy, **xxxv**, 643; for chronic cholangitis, **xl**, 412; retroduodenal, proposed method for, **xxxviii**, 275; transduodenal, **i**, 1273.
- Cholelithiasis**, **xxxi**, 261, **xxxvi**, 275; and acute pancreatitis, **xl**, 143; cases operated at German Hospital of Philadelphia, 1907-8, **xl**, 830; complicated by hydatid liver cyst, **xl**, 614; complications of, **xvii**, 639, 707; surgical treatment of, **xxxviii**, 343.
- Cholelithotomy**, **xvii**, 206.
- Cholelithotripsy**, **xii**, 369.
- Cholera**, secondary infection in, **xiv**, 389.
- Chondroma**, primary, of hyoid bone, **xv**, 477.
- Chondro-osteoid sarcoma** of thyroid body, **iv**, 272.
- Chondrosarcoma**, **iv**, 359.
- CHRISTIAN, E. A.**: The ultimate results in a case of exsection of the head and upper third of the humerus, **vii**, 431.
- Chromic acid**, local lesions caused by alkaline salts of, **i**, 303.
- Chylocele** of tunica vaginalis, **viii**, 321.
- Chylothorax**, **ii**, 263; right-sided, from rupture of the thoracic duct, **iii**, 83.
- Chylous ascites**, **ii**, 418; and carcinoma of the pancreas, **xiv**, 506.
- Cyst, or cysts, of the mesentery, **vii**, 395, **xl**, 380, **xl**, 565.
- Cicatrices**, hypertrophies and degenerations of, **xviii**, 253.
- Cicatricial contractures**, use of Wolfe grafts and tendon-lengthening in treating, **xl**, 278, 304.
- Ciliated epithelium**, cysts containing, **iii**, 96.
- Cinnamic acid** in the treatment of tuberculosis, **xix**, 102.
- Circulation** of a limb, reversal of, **xl**, 203.
- Circumcision**, **xl**, 610.
- Cirrhosis**, hepatic, Narath's modification of Talma's operation for, **xlvi**, 831; of penis, **v**, 18; of the stomach, **xliv**, 666.
- Cirrhotic ascites** treated by peritoneal anastomosis, **xxxi**, 489.
- Cirroid** (see Aneurism).
- Clamp**, for femoral vessels during hip-joint amputation, **xxiii**, 67; use of, in ununited fractures, **xxvii**, 553.
- CLARK, CHARLES P.**: Hydrocele in the female, **xi**, 740, 796.
- CLARK, GEORGE A.**: Peri-ureteral pelvic phleboliths, **i**, 913.
- CLARK, WILLIAM COGSWELL**: Adenoma of sebaceous glands of the abdominal wall, **xi**, 486.
- Clavicle**, backward dislocation of acromial end of, **v**, 410; congenital malformation of, **xxx**, 215; dislocation of the outer end of, **xxxviii**, 403; double dislocation of, **ix**, 154; double fracture of, **xxv**, 716; enchondroma of, **xl**, 465.
- Excision of, **xxxvii**, 79; of acromial end of, with entire arm and scapula, **iv**, 255, 530; with perfect functional results, **xl**, 823; for recurrent sarcoma, **viii**, 232; for sarcoma, **xxviii**, 380, **xxviii**, 259.
- Fracture of, **iii**, 174; associated with aneurism of subclavian, **xxxvi**, 146; complicated by rupture of axillary artery and of brachial plexus, **xxxix**, 1111; with injury to nerves, **xxiii**, 147, 200; mechanism of, **i**, 293; producing pneumothorax, **xvii**, 615; of sternal end of,

- 100; treatment of, i, 489. xi, 44; ununited, treated by suture, xxxviii, 99.
- Ligature of subclavian vessels under, iv, 427.
- Osteosarcoma of, ii, 343.
- Regeneration of, after removal, xxiv, 49.
- Removal of, with scapula and upper extremity, xxii, 736.
- Septic osteomyelitis of the, i, 488.
- Simultaneous dislocation of both, iii, 260.
- Sternal dislocation of both, xxiii, 600.
- Subperiosteal resection of a necrosed, iv, 373.
- Supra-acromial dislocation, specimen of, xxxvi, 586.
- Treatment of acromial dislocation of, by open incision, xxxv, 578, 652.
- Cleft hand**, case of, xxiv, 211.
- Cleft palate**, xl, 265; operative treatment of, xviii, 237, 466, 467, xix, 248, xx, 228, 598, xxxvi, 560, xliii, 5, 136; on infants, xxx, 121, xxxix, 1029; technic, xlii, 756; thirty-one cases, xvi, 435.
- Cleft palate and harelip**, xxxix, 283; mortality of operations for, v, 60; newer conceptions of operative technic in, xlix, 34.
- Clefts of jaw, lip, and face**, i, 578.
- Clinical Contributions**, by Bergmann (review of), viii, 476.
- Clinical Diagnosis**, by Jaksch (review of), xliii, 482; *Idem*, by Klemperer (review of), xxviii, 409.
- Clinical Investigation**, Atlas of Methods of, by Jakob (review of), xxviii, 409.
- Clinics, International**, 1904. vols. ii and iii (review of), xli, 156.
- Clinics, Saturday Surgical**, at the German Hospital, xlv, 431, xlvii, 761, xlix, 824.
- Clitoris**, elephantiasis of, xliii, 222.
- Clot**, relation of, to suppuration, ix, 352; wound healing under moist, v, 419; wound treatment, dry aseptic, ix, 221.
- Club-foot**, aggravated, xli, 949; congenital, pathology and etiology of, ii, 164; due to exostosis of fibula, xix, 679; excision of the astragalus for, xxix, 270, 632; excision of astragalus and tendon-grafting for, xlii, 932; extirpation of ankle in, xviii, 248; new operation for, xii, 471; non-deforming, xxxvi, 289; operative cure of, in adult, xxxvii, 430; operative treatment of, vi, 92, xix, 257, 369; operative treatment of inveterate and relapsed cases, xxix, 449; Phelps' method of treating, viii, 459; relieved by excision of astragalus, scaphoid, and cuboid, xxxv, 645; results of orthopedic surgery in, ix, 306; supramalleolar osteotomy, for obstinate, xxviii, 517; tarsotomy in, i, 94; tendon transplantation for congenital, xlvii, 135.
- Treatment of, xviii, 597; by division of ligaments, ii, 167; by forcible reduction, xii, 468; in Heidelberg clinic, ix, 307; by immediate restoration after tenotomy, viii, 396; by the Thomas wrench, ix, 101.
- CLUTTON, HENRY HUGH**: Contribution to the surgery of the sacral region, xxvii, 253; gangrene of bowel from strangulation, cases of primary resection for, xix, 416.
- COBB, FARRAR**: Acute hæmatogenous infection of one kidney in persons apparently well, xlviii, 680; operative treatment of recurrent dislocation of ulnar nerve, xxxviii, 652; primary carcinoma of the omentum, xlv, 16; report of a second case of dislocation of ulnar nerve cured by operation, xlviii, 409; traumatic asphyxia, xxxix, 481.
- Cocaine**, anæsthetic properties of, xvi, 378; anaphrodisiac effect of, x, 445; dangers in use of in surgical treatment of hydrocele, xvi, 164; prolongation of anæ-



- thetic effects of, **ii**, 409; status at the close of the first year of its use, **iii**, 51.
- Use of, in amputation of digits, **v**, 417; in amputation of thigh, **iii**, 425; in cæcostomy for incomplete intestinal obstruction, **xl**v, 621; in ear surgery, **iii**, 64; in eye surgery, **iii**, 61; in general and minor surgery, **iii**, 58; in genitourinary surgery, **iii**, 59; in gynæcology, **iii**, 61, **iv**, 368; in hæmophilia as a hæmostatic, **xviii**, 570; by intraperitoneal injection, during amputation of leg, **xxxvii**, 116; in laparotomy, **xvi**, 88, **xix**, 90; in litholapaxy, **v**, 81; novel extension of, **viii**, 299; in operations on lower end of ureters, **xli**, 216; in surgery, **xi**, 111, 278; in tonsillitis, **viii**, 305.
- Review of Book: Cocaine Analgesia, by Manley, **xxi**, 251.
- Cocainization** of nasal mucous membrane preliminary to general anæsthesia, **xxiii**, 1, 62, 233; of nerve-trunks, as a preventive of shock, in surgical operations, **xxxvi**, 321; of spine, surgical analgesia by, **xxxii**, 847.
- Coccygeal dermoid cyst**, epitheliomatous degenerations of, **xx**, 171.
- Fistula, **xxxi**, 340.
- Coccygeal region**, cystic tumors of, **xxii**, 134; teratoma of, **xxiii**, 187.
- Coccyx**, thyrodermoid tumor of, **xxii**, 502.
- CODMAN, ERNEST A.**: Bone transference, **xl**ix, 820; diagnosis and treatment of fracture of the carpal scaphoid and dislocation of the semilunar bone, **xli**, 321, 863.
- Coffee**, to disguise the odor of iodoform, **vi**, 144.
- COFFEY, ROBERT C.**: Contribution to the surgery of pyosalpinx, **xxxviii**, 540; intestinal intussusception, **xl**v, 42; pancreato-enterostomy and pancreatotomy, **i**, 1238; persistent, remote, or indirect subperi-
- toneal drainage in the extra-peritoneal closure of fistulæ, **xl**v, 827.
- COHEN, SOLOMON SOLIS**: Improved methods of anæsthesia, **xxviii**, 277; leontiasis, **xxiii**, 305.
- Coin** in the œsophagus, **vi**, 256.
- COLEY, WILLIAM B.**: Amputation of hip for sarcoma in a young child, **xxvii**, 91; disadvantages of buried non-absorbable sutures, **xxiv**, 48; case of sarcoma cured by mixed toxins of erysipelas, **xxiv**, 501, **xxv**, 174, 177; case of sarcoma cured by mixed toxins of erysipelas and *Bacillus prodigiosus*, **xxviii**, 244; cases of sarcoma of fibula and of tibia, **xxvii**, 370; case of strangulated properitoneal hernia, **xxxii**, 136; congenital inguino-perineal hernia, **xxx**, 337; contribution to the study of sarcoma, **xiv**, 199; exsection of second branch of trifacial nerve for neuralgia, **xxiv**, 501; hip-joint amputation for sarcoma of femur, **xxix**, 110; Hodgkin's disease treated with the mixed toxins of erysipelas and *Bacillus prodigiosus*, **xl**vii, 127; hydrocele in the female, **xvi**, 42; double inguino-perineal herniæ, with double ectopia testes, **i**, 638; influence of injury upon the development of sarcoma, **xxvii**, 259; inguinal hernia in the female, **i**, 609; inguino-perineal hernia, **xxiii**, 192, **xl**, 126; inoperable sarcoma treated with mixed toxins of erysipelas and *Bacillus prodigiosus*, **xxx**, 510; inoperable spindle-celled sarcoma of the abdominal wall and pelvis, **xl**v, 769; interparietal ventral hernia at McBurney's point, **i**, 238; interscapulothoracic amputation for sarcoma—recurrence successfully treated with mixed toxins, **xl**vii, 807; irreducible inguinal hernia complicating sarcoma of the testis, **xl**vii, 822; is Hodgkin's disease a type of sarcoma? **xl**vii, 1060; late results of Bas-

sini's operation for cure of inguinal hernia, **xxx**, 220; ligation of external carotid artery for cirroid aneurism, **xxxiv**, 414; ligation of external carotid for malignant disease of the face, **xxx**, 228; lumbar hernia, **xxxiii**, 51; metastases in cases of lymphosarcoma of the neck, **xl**, 267; nephrectomy for renal sarcoma, **xxii**, 270; nephrectomy for sarcoma of kidney, **xxi**, 75; operative treatment of hernia, with report of 200 cases, **xxi**, 389; operative treatment of undescended testicle, **xxx**, 340; osteochondroma of ribs, **xxiv**, 52; partial enterocoele, **xxxix**, 297; partial excision of the lower jaw for sarcoma, **xxviii**, 383; permanent cure of hernia, **xxxii**, 610; probable lumbar hernia, **xxii**, 272, 273; prognosis in cases of melanotic sarcoma, **xxx**, 221; prognosis in sarcoma of long bones, **xxxvi**, 613; radical cure of hernia, **xxv**, 270, **xxxiv**, 1; radical cure of inguinal hernia in the female, **xxxii**, 802; rapid recovery from hernia operation, **xxiii**, 192; recurrent sarcoma of kidney, **xxv**, 360; remote results of operation for radical cure of inguinal hernia, **xliv**, 440; results of one thousand operations for the radical cure of hernia, **xxxvii**, 801; results of treatment of sarcoma, **xl**, 268, 1019; round-celled sarcoma of the dorsal spine, **xlvi**, 819; sarcoma of the abdominal walls, **xx**, 372; sarcoma cured by mixed toxins, **xxvi**, 232; sarcoma of axilla, **xxxvii**, 101; sarcoma of back cured by X-rays and mixed toxins, **xli**, 770, **xlvi**, 465; sarcoma of the femur, **xxxvii**, 100; sarcoma cured by X-rays and mixed toxins, **xli**, 771; sarcoma of femur treated by mixed toxins, **xliv**, 130; sarcoma of the inguinal glands, **xliv**, 148; sarcoma of the jaw,

**xlvi**, 607; sarcoma of the long bones, **xliv**, 321; of neck and tonsils, **xliv**, 148; of ovary, **xli**, 947; of parotid cured by injections of mixed toxins, **xxxv**, 421; sarcoma of testis, **xxxii**, 712; sarcoma treated by means of the mixed toxins, **xlvi**, 610, **xlvi**, 455; sarcoma of the ulna, **xliv**, 768; spindle-celled sarcoma of the sternum successfully treated with the mixed toxins of erysipelas and *Bacillus prodigiosus*, **xlvi**, 805; strangulated hernia, **xxv**, 366; strangulated retroperitoneal hernia, **l**, 238; surgery of peritoneal tuberculosis, **xlvi**, 147; sympathectomy for glaucoma, **xxxv**, 816; technic of operations for the radical cure of hernia, **xxv**, 625; tendency to recurrence after amputation at the hip-joint, **xxxiv**, 587; teratoma of the testis, **xxxiv**, 391, 415; total necrosis of lower jaw, **xxv**, 629; traumatic hernia, **xxxix**, 289; tumors of the parotid, **xxx**, 732; treatment of undescended or maldescended testis, associated with inguinal hernia, **xlvi**, 321, 468, 469; undescended testis complicating hernia, **xli**, 952; volvulus of giant sigmoid colon, **l**, 464; wire suture in hernia operations, **xli**, 946.

**Coley's fluid**, favorable effects of X-ray and, upon sarcoma of neck, **xlii**, 134.

**Colic**, biliary, of anomalous type, **xvii**, 336; violent and long-lasting, caused by adhesions and omental bands, **xvi**, 169.

**Colicystorrhaphy** in gunshot wounds of intestines, **xvi**, 574.

**Colitis**, amœbic, treated by flushing through the appendix, **xxxvii**, 613.

Chronic, as a symptom of appendicitis, **xxvii**, 149, **x**, 370; ulcerative, treated by appendicostomy, **xxxix**, 268.

Mucomembranous and ulcerative, surgical treatment of, **xlii**, 97.

- Surgical treatment of, **xxxii**, 857, **xlii**, 315.  
 Treated by valvular colostomy and irrigation, **xxxiii**, 753.
- Collapsing dermoid cyst**, **xxi**, 593.
- COLLIER, JOSEPH**: Erosion or arthrectomy of the knee-joint, **x**, 401.
- COLLINS, HOWARD D.**: Intracranial neurectomy, **xxxvii**, 665; retrosternal accessory thyroid tumor, **xli**, 661.
- COLLINS, J.**: Effects of erysipelas in carcinoma, **xix**, 969; treatment of strangulated hernia, **xx**, 190.
- COLLINSON, MR.**: Effects of gastroenterostomy in gastric ulcer, **xl**, 435.
- Colloid carcinoma** of hand and forearm, **ix**, 144.
- Colon**, acute diverticulitis of descending and sigmoid perforation, **xlvi**, 132; adhesions of the sigmoid, causing intestinal obstruction, **xlxi**, 161; anastomosed into rectum, **xxii**, 402; artificial biliary fistula into, **v**, 231, 238.
- Carcinoma** of, button anastomosis for the relief of, **xxi**, 71; extirpation and anastomosis, **xxiii**, 292, 601; ileotomy for, **xx**, 414; resection with ileocolic button anastomosis, **xxi**, 72; resection of intestine and suture over potato bobbin, **xxv**, 485; of splenic flexure, **xlvi**, 150; of transverse, **xxxv**, 108, 1, 497.
- Distention** of, by carbon dioxide, to overcome intussusception, **xx**, 419; paralytic, treatment of, **xliv**, 785.
- Excision** of greater part of, **xlxi**, 253; of whole for hyperplastic colitis, **xxxvii**, 616; of the whole, results after, **xxxvi**, 957.
- Exclusion** of, for new growth, **xlxi**, 708.
- Hernia** of, through diaphragm, **iii**, 84.
- Idiopathic dilatation** of, **xxxviii**, 736; congenital, **xlvi**, 1062.
- Inflammatory tumors** of, **xxviii**, 127.
- Invagination** of, operative treatment, **ix**, 65.
- Lymphatics** of the, **i**, 1077.
- Malignant stenosis** of, relieved by colotomy, **xix**, 672.
- Multiple papilloma** of, treated by appendicostomy, **xxxix**, 269; polypoid growths of, **xxvi**, 397.
- Polypus** of, **xxviii**, 139.
- Resection** of, **xxvii**, 661, **xlvi**, 314; for cancer and tuberculosis, **i**, 571.
- Reunion** of, by simple suture, after exsection, **xviii**, 83.
- Sarcoma** of, **xxxvi**, 133; with intussusception, **xxviii**, 260; resection, **xxi**, 592.
- Traumatic rupture** of ascending, **xxxiii**, 626; cases at St. Thomas's Hospital, **xxx**, 137.
- Volvulus** of giant sigmoid, **i**, 464.
- Colopexy**, **xxvi**, 165, 247.
- Color-vision and Color-blindness**, by Jennings (review of), **xxiii**, 635.
- Colorectostomy**, **xi**, 132.
- Colostomy**, and excision, for carcinoma of sigmoid flexure, **xvii**, 61; forty-five cases of, in the Heidelberg clinic, **xxvi**, 396; for intestinal obstruction due to carcinoma, **xxix**, 487; with sphincter formed from rectus muscle, **xxx**, 530; two stages in, **ix**, 230.
- Colotomy**, **i**, 76, 78, **xi**, 212; complicated with abnormal conditions, **vi**, 465; iliac, **iv**, 345, **xv**, 155; inguinal, **v**, 49; inguinal *vs.* lumbar, **x**, 306; limitations of, for disease of rectum, **ii**, 510; for malignant stenosis of sigmoid flexure, **xix**, 672; for rectal carcinoma, **vii**, 54; for scirrhus, **ii**, 81; sigmoid, in rectal carcinoma, **x**, 79; technic of, **ii**, 413.
- Colo-utero-vaginal fistula**, **ii**, 431.
- Colpohysterectomy**, **iii**, 44, 177, 359.
- Columbian period**, surgeons of the, **xvii**, 344.
- Coma**, sudden spontaneous, in brain lesions, **viii**, 130.
- Comfort**, postoperative, **xliv**, 106.

- Common duct stone**, with acute septic cholangitis, **xxxix**, 104; without characteristic symptoms, **xxxix**, 103.
- Compound fractures**, method of treating, **xvii**, 140; results and methods of treatment at the J. Hood Wright Memorial Hospital, **xxx**, 297.
- Compound and ununited fractures**, new method of direct fixation of the fragments in, **xviii**, 125.
- Compression** in acute orchitis, **ii**, 85; for hemorrhage, **iv**, 332, 333.
- Condyle**, internal, of femur, fracture of, **xxx**, 111, 787.
- Congenital cysts of the neck**, **iii**, 345.  
Deficiencies of bones of hand and foot, **xli**, 461.  
Deformity of extremity, **xl**, 120; of hand, **xlvi**, 807.  
Duodenal atresia, **xxxii**, 858.  
Equinovarus, anatomy of, **xvii**, 293.  
Fistula of neck, **xvii**, 574.  
Hernia, operation for, **xxvii**, 151.  
Symmetrical exostoses, **iv**, 362.  
Review of Book: *Congenital Surgical Diseases*, by Kirmison, **xxviii**, 678.
- Congress of Surgery**, French, programme for 1885 meeting, **i**, 292; for 1893 meeting, **xvii**, 382.
- Conical stump** after amputation in childhood, **xxxi**, 486.
- Conjunctiva**, transplantation of rabbit's, to the human eye, **xi**, 375.
- Conjunctivoplastics** in chronic trachoma, **xii**, 439.
- Connective tissue**, artificial production of, by agar-agar injections, **xxxiv**, 273.
- CONNELL, F. GREGORY**: Gunshot wound of pancreas, **xli**, 724; intestinal anastomosis, technique of, **xxxiv**, 850; local anaesthesia, **xxxviii**, 825; loose bodies in the knee-joint, **xliii**, 247; removal of gall-stones from the second and third portions of the common bile-duct, **xlvi**, 558; treatment of hæmatemesis by gastro-enterostomy, **xl**, 500.
- CONNER, PHINEAS S.**: Case of sarcoma of scalp, **viii**, 110.
- Consent**, necessity of, to render surgical operations lawful, **xlii**, 762.
- Constipation and Intestinal Obstruction**, by Gant (review of), **xlix**, 588.
- Constriction**, elastic, as a hæmostatic measure, **xvi**, 377; hyperæmia by, for acute inflammation, **xliv**, 729.
- Contagion** through the use of ether inhaler, **vi**, 137.
- Contagious Diseases, Acute**, by Welch-Schamberg (review of), **xlii**, 478.
- Contracture** (see Palm).
- Contusion**, as a cause of predisposition to secondary carcinoma, **iii**, 407; of the larger arteries, treatment of, **iii**, 513.
- COOK, ANSEL G.**: Orbital route for removal of second branch of fifth nerve at foramen rotundum, **xxxvii**, 855.
- COOK, JOHN R.**: Intraperitoneal rupture of the urinary bladder, **xlii**, 863.
- COOK, PHILIP H.**: Fracture of the tarsal scaphoid bone, **xlvi**, 633.
- COOLIDGE, F. S.**: Some new points in tendon surgery, **xxxiii**, 582.
- COOPER, CHARLES MINOR**: Exposure of the postduodenal portion of the common bile-duct, **xxxviii**, 480; foreign-body pseudotuberculosis of the peritoneum, **xliii**, 359; value of peroxide of hydrogen in diagnosis of rodent ulcers, **xl**, 160.
- COPLIN, WILLIAM M. L.**: Carcinoma of the breast, **xxxii**, 725; chronic phagedena due to mixed infection, **xxxv**, 586; congenital mesenteric cysts, **xlix**, 734; echinococcus cysts, **xxxii**, 721; endothelioma of the palate, **xlvi**, 782; hæmophilic knee-joint—operation—control of hemorrhage by

- use of thyroid extract, **xl**, 787; histology of ossifying myositis, **xxxvii**, 959; Ludwig's angina, **xlvi**, 310; study of cargile membrane, **xli**, 787.
- Copper salts**, therapeutic use of, **i**, 275.
- Coracoid process**, fracture of, **iii**, 174, **xl**, 427.
- Coracoid, supra-**, dislocation of shoulder, case of, **viii**, 175.
- CORDIER, R. H.**: Case of diaphragmatic hernia, **xxvi**, 353.
- Cornea grafting**, **ix**, 137.
- CORNER, EDRED M.**: Pathology and classification of intussusceptions, **xxxviii**, 960; reduction *en masse* of strangulated and non-strangulated hernia, **xlvi**, 573; rotary dislocation of the atlas, **xl**, 9; rupture of the lung without costal injury, **xlvi**, 474; structure, fracture, and refracture of the patella, **xxxii**, 749; surgical treatment of tumors of bladder, **xii**, 1; volvulus of the cæcum, **xli**, 63.
- Cornu cutaneum of the human scalp**, **xl**, 908.
- Hyoid bone of, fracture-necrosis of, **xxiv**, 233.
- Corpus cavernosum**, induration of, and diabetes, **ii**, 85.
- Corrosive sublimate** (see also Sublimate), action of, pathological, **v**, 137; as a surgical dressing, **i**, 475; Schede's results, **ii**, 148; toxic enteritis caused by, **i**, 475.
- CORSON, EUGENE R.**: Bone cysts, with X-ray findings, **xxxv**, 505; case of excessive bone atrophy, **xxvii**, 503; mechanism of fracture of the neck of the radius, **xxx**, 536; Narath's modification of Talma's operation for hepatic cirrhosis, **xlvi**, 831; pathology of the sphincters, **xxxiv**, 457; skiagraphic study of the normal membranous epiphyses, **xxxii**, 621; X-ray findings in a case of Gritti-Stokes amputation, **xl**, 751; X-ray and photographic technic necessary to bring out bone detail, **xxxiv**, 560.
- Costal arch**, osteoplastic resection of, **xlvi**, 530; section of, for bullet wound of the liver, **xlvi**, 155.
- Costal cartilages**, dislocation and fracture of, **xxiii**, 279.
- Costal and thoracic resection** for pyothorax, **xxxix**, 403.
- Cotton Dressings**, by Guerin (review of), **ii**, 519.
- COTTON, FREDERIC G.**: Elbow fractures in children, **xxxv**, 75, 242, 365; pathology of fracture of the lower extremity of the radius, **xxxii**, 194, 388.
- Cou, Chirurgie du**, par Felix Terrier (review of), **xxviii**, 153.
- Cox, EDWIN M.**: The postoperative treatment of wry-neck, **xxiii**, 275; some considerations in the operative treatment of fracture of the patella, **xxii**, 725.
- Coxa valga**, **xl**, 125.
- Coxa vara**, **xxviii**, 21, **xxxi**, 145, 259, 632, **xxxvi**, 746, **xl**, 630, 952, **xliv**, 926; bilateral, **xxxiv**, 833, **xxxvii**, 274; initial stages of, **xxxiii**, 99; operative treatment of **xlvi**, 460.
- Review of Book: Coxa vara, by Alsberg, **xxix**, 121.
- Coxalgia**, following double ankylosis of hips, **xxxvi**, 286.
- Coxitis**, is amputation ever indicated in? **xvi**, 133; diagnostic value of rectal examinations in, **iv**, 80; treatment of, by resection, **xii**, 467; tuberculous, results of conservative treatment of, **xx**, 582.
- CRAIG, ALBERT B.**: Experimental and histological study of Cargile membrane, **xli**, 787, 801.
- CRANDON, L. R. G.**: Fracture of base of skull—analysis of 530 cases, **xliv**, 823; pathogenesis and pathological anatomy of enlarged prostate, **xxxvi**, 813.
- Cranial cavity**, bullet removed from, **xlvi**, 818; foreign body left within, **xl**, 457; location and removal of missiles from, **xxii**, 596; resection of trigeminus within, **xvi**, 384.
- Cranial "cracked-pot" sound** as a symptom of cerebellar tumors, **xxviii**, 329.



- Defects, histological history of bone and ivory grafts in, **xxix**, 290; relieved by bone grafting, **xxii**, 787; repair of, **xv**, 474; use of the temporal fascia to cover, **xliv**, 170.
- Fossa, middle, surgical anatomy of, **xxxvi**, 680.
- Heteroplasty with aluminum plate, **xxi**, 317; with celluloid, **xxii**, 508.
- Hyperostosis, **xxii**, 305.
- Spinal injuries, and, **xi**, 186.
- Tumor, removal of an, **iii**, 416.
- Vault, operating upon, **xliv**, 371; tumors of, **xxx**, 120; use of the Masland saw for opening, **xliv**, 161.
- Craniectomy** for microcephalus, **xviii**, 70, **xx**, 596.
- Cranii exenteratio**, **xxxiii**, 807.
- Craniocerebral topography** and its surgical application, **xxvii**, 82.
- Craniotomy** for microcephalus, **xix**, 502; result of linear, **xvi**, 271; for tumor of acoustic nerve, **xlvi**, 309.
- Cranium** (see also Brain, Cranial), blood tumors of, communicating with the superior longitudinal sinus, **v**, 355; drainage in the treatment of certain injuries and diseases of the floor of, **x**, 40; exploratory perforation of, **ii**, 14; extensive and comminuted fracture ending in recovery **xvii**, 226; fracture of the base of, followed by pulsating exophthalmos, **xviii**, 234; fractures of inner table of, **ii**, 9; gunshot wound of, **xliv**, 749; necrosis of osseous cap of, following burn of head, **xliv**, 641; osteoplastic operation for repair of bony defect in the, **xv**, 472; osteoplastic resection of, **xxx**, 324; pneumatocele of, **x**, 454; shot wound of, fatal, **xxv**, 365; slight risk of converting simple into compound fracture, **ii**, 5; tuberculous osteitis of the flat bones of, **iii**, 413; venous blood-tumors of, **i**, 324, 439.
- Crateriform ulcer**, **iv**, 357
- CRESSY, A. Z. C.**: Cancrum oris treated by cautery excision, **xxxiv**, 289.
- Cricoid cartilage**, ecchondroma of, **v**, 71.
- Cricolaryngotomy**, **v**, 511.
- Cricotomy**, for papilloma of larynx, **v**, 511.
- CROLE, GEORGE**: Case of fracture dislocation of cervical vertebra, with cross lesion of cord, **xxviii**, 639; contribution to the knowledge of endothelioma and perithelioma of bone, **xliv**, 358; fractures with fatal terminations, **xiii**, 373; further observations on transfusion, with a note on hæmolysis, **i**, 348; hæmolytic tests for malignancy, **xvii**, 1063; hot-water bed for operating table, **xxxvii**, 860; research on the temporary closure of the carotid arteries, **xxxv**, 441; surgical aspects of Graves's disease, with reference to the psychic factor, **xlvi**, 864, 1061; technic of blood transfusion, **xlvi**, 329; of operations upon head and neck, **xliv**, 464, 469, 482; tubage of the pharynx in certain operations on mouth and face, **xxxvii**, 859; value of blood transfusion, **xlvi**, 1051.
- Croup**, intubation of larynx for, **xii**, 361; conditions following in children, **viii**, 305; results of, **xvi**, 391.
- Review of Book: Relative Merits of Intubation and Tracheotomy, by Lovett, **xvi**, 367.
- Croup and diphtheria**, relative merits of intubation and tracheotomy for, **xvi**, 367, 532; stenosis of trachea after tracheotomy for, **iii**, 499; tracheotomy for, **iii**, 523.
- Crucial ligaments**, suture of ruptured, **xxxvii**, 716.
- Cruroscrotal hernia**, **xliv**, 98.
- CRYER, M. H.**: On the use of the Masland saw for opening the cranial vault, **xliv**, 315, 319.
- Cryptorchism**, complicated by torsion of chord, **i**, 74.

- CUBBINS, W. R.: Œsophageal polyp removed by operation, **xliii**, 944.
- CUBITUS VARUS, traumatic, **xxxii**, 301, 610 (errata, 748), **xxxiii**, 48.
- CUBOID, excision of, in club-foot, **ii**, 166.
- CUMSTON, CHARLES GREENE: Amputation of foot, with a dorsal flap, **xxiv**, 706; carcinoma of the cæcum, **xxxv**, 42, 216; epitheliomatosis of breast, **xxviii**, 716; hepatic syphilis from a surgical standpoint, **xxxvii**, 726; interstitial hernia, **xli**, 427; pancreatic cyst, with remarks on pathology and surgical treatment, **xxxvii**, 226; prolapsus of the rectum in children, **xxxi**, 311; surgical aspects of anuria, **xliv**, 32; surgical treatment of tuberculosis of the epididymis and testicle, **xlix**, 800; technic of suturing the patella after fracture, **xxix**, 310; tertiary syphilitic epididymitis, **xxv**, 306; tuberculosis of the cæcum, **xlvi**, 763; varicose veins and their treatment by Trendelenburg's operation, **xxvii**, 626.
- CUNNINGHAM, JOHN H., JR.: Filariasis, **xliv**, 481; gastric dilatation and tetany, **xxxix**, 527; recurrent intermittent retention of urine, occurring with remissions in a case of pernicious anæmia—final result of a Bottini operation for associated prostatic hypertrophy, **xlv**, 284; study of various forms of prostatic hypertrophy from post-mortem specimens and by the cystoscope, with reference to operation, **xli**, 590; treatment of procidentia recti by excision, **xlix**, 681.
- CUPLER, R. C.: Note on gonorrhœal osteomyelitis, **xlv**, 121.
- CURETTAGE for endometritis, **xxvii**, 146.
- CURL, HOLTON C.: Combined volvulus and hernia through a recent mesenteric slit, **xlii**, 207; relative value of cæcotomy and appendostomy in the treatment of amœbic dysentery by irrigation of the colon, **xliii**, 543.
- CURRIE, O. J.: Transperitoneal ligature for aneurism of external iliac artery, **xli**, 620.
- CURTIS, BENJAMIN FARQUHAR: Absorption of thyroid material, in wounds of thyroidectomy, **xxii**, 793; administration of ether, **xxviii**, 524; amputation at hip-joint, **xx**, 182; amputation of penis for epithelioma, **xx**, 178; arthrotomy for old dislocations of hip-joint, **xvii**, 587; bullet in brain, **xxxvii**, 946; carcinoma of liver simulating abscess, **xxxiv**, 185; of the male breast, **xxxi**, 742; carcinomatous metastases developing over three years after removal of the breast, without local recurrence, **xliii**, 216; castration for tuberculosis of testicle, **vi**, 54; cicatricial stricture of pharynx cured by plastic operation, **xxxiii**, 152; case of *Bilharzia hæmatobium*, **xxiii**, 56; cicatricial stricture of œsophagus, treated by gastrotomy, string, and elastic tube dilatation, **xxxi**, 352; complications of cholelithiasis, **xvii**, 707; colloid carcinoma of the omentum, **xxxvi**, 133; congenital sternal dislocation of both clavicles, **xxiii**, 600; cranial heteroplasty with aluminum plate, **xxi**, 317; cyst of tongue, **xxvii**, 662; deformity following resection of knee in children, **xxxiv**, 430; dislocation of the humerus, with fracture of its neck, **xxiii**, 738; early recurrence following excision of malignant disease, **xvii**, 708; epithelioma of the lip, **xxxi**, 628; avivement of prostate and seminal vesicles for tuberculosis, **xxiv**, 219; examination of rectum by endoscope, **xxvii**, 91; excision of aneurism of femoral artery, **xxix**, 358; extradural hemorrhage, **xxx**, 342; femoral phlebitis after operations for ap-

pendicitis, **xxxii**, 452; foreign bodies in a bronchus, **xliii**, 447; formalin catgut, **xxiii**, 187; fracture and dislocation of the carpal bones, **xxxiv**, 298; fracture of the humerus, with injury to the musculospiral nerve, **xxxi**, 242; fracture of neck of the humerus, with dislocation of the upper fragment, **xxxi**, 291; gastrotomy for stricture of the œsophagus, **xxxi**, 243; gunshot wound of the longitudinal sinus, **xxxvii**, 848; hemorrhage complicating excision of Gasserian ganglion, **xxxvi**, 958; inflammation of the parotid gland, **xxiii**, 193; injuries of tendon, **vi**, 227; interscapulothoracic amputations, **xxxi**, 633; intraperitoneal rupture of the bladder, **xxii**, 795; late secondary carcinoma without local recurrence, **xlii**, 934; leucocyte count in surgery, **xxxii**, 144; ligation of the first part of the subclavian artery, **xxvii**, 540; ligature of innominate artery, **xlvi**, 966; Milton's method of exposing the anterior mediastinum for ligation of the innominate artery, **xxxiv**, 472; misleading skiagraph, **xxix**, 363; Murphy button in gastro-enterostomy, **xxvi**, 124; musculospiral paralysis, **xxxi**, 755; nephrotomy, **xxv**, 172; nephrectomy for renal sarcoma, **xxii**, 270; nephrectomy for suprarenal tumor, **xxxi**, 759; nephrectomy for tubercular kidney, **xxv**, 173; neuropathic ankle due to locomotor ataxia, **xxxiii**, 491; operation for cancer of the penis, **xxix**, 343; operation for hypospadias, **xxxix**, 999; operation for liver abscess, **xxxiii**, 192; operation for relief of necrosis of cheek and upper jaw, with ankylosis of lower jaw, **xxvi**, 241; operative treatment of ulcer of stomach, **xxiv**, 220; osteoplastic operation for defect of tibia, **xxii**, 512; patellar pseu-

doarthrosis, **xxix**, 362; pathological dislocations, **vi**, 54; pathological dislocation at hip, **xx**, 81; pathology of peritonitis, **v**, 120; plastic operation for exstrophy of the bladder, **xlii**, 924; popliteal aneurism, **xxxii**, 612; posterior thoracotomy for foreign body in the right bronchus, **xxviii**, 605, 656; postoperative anuria, **xxxiii**, 338; prevention of cubitus varus, **xxxii**, 610; probable lumbar hernia, **xxii**, 273; pylorotomy for cancer of the stomach, **xxxi**, 758; pylorotomy for carcinoma, **xxxiv**, 418; pyloroplasty for ulcer of stomach, **xx**, 176; radical cure of femoral hernia, **xxxix**, 1015; recovery after operation for abscess of brain, **xxvi**, 240; recovery from appendicitis, with free pus in the abdominal cavity, **xxx**, 633; remarks on plastic operations for nasal deformity, **xxviii**, 259; removal of astragalus, scaphoid, and cuboid for club-foot, **xxxv**, 645; removal of biliary calculi from the common duct by the duodenal route, **xxviii**, 519; removal of both breasts for carcinoma, **xxviii**, 655; of tongue for carcinoma, **xxix**, 361; report of case of removal of tumor from left frontal lobe of cerebrum, **xvii**, 127; resection of clavicle for sarcoma, **xxviii**, 259; resection of elbow for tuberculosis, **xxxvi**, 787; resection of five feet of small intestine, **xxxvi**, 955; results of laparotomy for acute intestinal obstruction, **vii**, 329; results of operations for undescended testicle, **xxx**, 340; results of the surgical treatment of exophthalmic goitre, **xliii**, 335; stenosis of the larynx, **xxxiv**, 433; surgical treatment of acute intestinal obstruction, **vii**, 376; surgical treatment of intestinal obstruction, **xxxii**, 611; surgical treatment of peritonitis, **v**, 22; surgical treatment of

- simple dilatation of the stomach and of gastroptosis, **xxxii**, 41; suture of ruptured muscles, **xxii**, 518; technic of osteoplastic resections of the skull, **xxxi**, 365; thyroidectomy for exophthalmic goitre, **xxi**, 319; thyroidectomy and sympathectomy for exophthalmic goitre, **xxxviii**, 161; total necrosis of upper jaw, **xxv**, 629; transplantations of skin-flap over exposed tendons, **xxxii**, 366; traumatic torticollis, **xxxiii**, 628; treatment of arteriovenous aneurisms, **xxxi**, 753; treatment of cystic kidneys, **xxxiv**, 420; treatment of fractures of the neck of the femur, **xxxvi**, 789; treatment of injuries of the spinal cord, **xxx**, 335; treatment of intussusception, **xx**, 420; treatment of renal tuberculosis, **xxvii**, 84; treatment of tubercular peritonitis, **xxv**, 740; trephining for cerebral cyst, **xxvii**, 772; tuberculosis of the bladder, **xxii**, 514; tuberculosis of tendons, **xxviii**, 384; tumor of the median nerve, **xxxii**, 609; use of oxygen gas with ether for anæsthesia, **xxiii**, 195; use of toxins of erysipelas in the treatment of sarcoma, **xxv**, 177; vicious union after fracture of forearm, **xxix**, 362; wounds of the bladder in operation for, **xxi**, 631.
- CUSHING, HARVEY**: Avoidance of shock in major operations by cocainization of large nerve-trunks, **xxxvi**, 321; intradural tumor of cervical meninges, **xxxix**, 934; local anæsthesia in the radical cure of certain cases of hernia, with a note on the nervous anatomy of the inguinal region, **xxxi**, 1; partial hypophysectomy for acromegaly, **i**, 1002; preservation of the nerve supply to the brow, in the operative approach to the Gasserian ganglion, **xliii**, 1; prompt surgical intervention for intestinal perforation in typhoid fever, **xxxiii**, 544; subtemporal decompressive operations for the intracranial complications associated with bursting fractures of the skull, **xlvi**, 641; treatment of facial paralysis by nerve anastomosis, **xxxvii**, 641.
- CUSHING, HAYWARD WARREN**: The operative treatment of carcinoma of the large intestine, causing dangerous intestinal obstruction, **xliv**, 261; restoration of entire tibia, necrotic from osteomyelitis, **xxx**, 486; traumatic rupture of pancreas, **xxviii**, 337; wounds of the thoracic duct in the neck, **xxvii**, 719.
- CUSHWAY, BERTRAM CHARLES**: Aberrant thyroid, **xlix**, 56.
- Cutaneous horns**, **xli**, 674.
- Cutaneous implantation** as an adjunct to necrotomy, **iv**, 82.
- Cutis**, formation of carcinoma out of chronic inflammatory conditions of, **ii**, 920; osteoma of, **iv**, 69.
- CUTLER, COLMAN W.**: Sympathectomy for glaucoma, **xxxvi**, 379.
- Cyanomycosis**, case of, **xiv**, 521.
- Cyanosis status**, case of, simulating traumatic asphyxia, in epilepsy, **xlix**, 762, 877.
- Cyclopædia of Practical Medicine**, Annual and Analytical, by Sajous, vol. ii (review of), **xxix**, 532.
- Cyst**, or **cysts**, blood, of abdomen, **ii**, 507; of the lateral region of the neck, **iii**, 343.
- Branchial**, **ii**, 428.
- Cerebral**, causing insanity, cured by aspiration, **iii**, 522.
- Cervical dermoid**, new treatment of, **viii**, 386.
- Chylous**, of mesentery, **vii**, 395; **xliii**, 380.
- Coccygeal region**, of, **xxii**, 134.
- Congenital epithelial**, of neck, **xxii**, 132; mesenteric, **xlix**, 618, 734; of neck, **iii**, 345; sacral, **i**, 115; of urachus, laparotomy for, **ix**, 227.

- Containing ciliated epithelium, **iii**, 96.
- Dermoid, of orbit, **xxv**, 487; of ovaries, **iii**, 263.
- Entero-, of buttock, **xxii**, 268. of hernial sac, **xxii**, 123.
- Hydatid, of liver, **iii**, 345, 438, **iv**, 73, **vi**, 215; of mesocolon, **ix**, 229; obstructing popliteal artery, **ii**, 422; subdiaphragmatic, **vi**, 191.
- Kidney, of, **v**, 272.
- Long bones, of, **xliv**, 738; König on, **xxviii**, 402.
- Malignant, of neck, **v**, 67.
- Mesentery, of, laparotomy and drainage for, **viii**, 218.
- Mucous, of dorsum of tongue, **ix**, 455.
- Ovarian, unusual symptoms, in, **xxii**, 115.
- Pancreas, of, **ii**, 272, **v**, 261, 338, **vii**, 393; diagnosis and treatment of, **viii**, 389.
- Parovarian, **iii**, 357.
- Pathology of, **iii**, 95.
- Pulmonary, treatment of, **iii**, 239.
- Simple, of liver, **v**, 224.
- Skeleton, of, **vii**, 68.
- Synovial, of knee and wrist, **vi**, 171.
- Thyroglossal, **i**, 481.
- Thyroid, intracapsular extirpation of, **iv**, 174.
- Traumatic epithelial, **xlvi**, 190; of the hand or fingers **xxvi**, 732.
- Vocal cord, of left, **ix**, 143.
- Cyst wall**, calcification of, with cystic dilatation of kidney, **xxi**, 698.
- Cystadenoma**, of the breast, papillary, **xlvi**, 188; of jaw, **xliv**, 627.
- Cystic adenoma of thyroid**, anatomy of a case of, **xlili**, 327.
- Cystic duct**, gall-stones impacted in, **xx**, 561; removal of, **xxi**, 213.
- Obstruction of, accompanied by icterus, **xxvi**, 284; accompanied by jaundice, **xxvi**, 284.
- Stone in, **xlili**, 157.
- Cystic goitre**, treatment by iodine injections, **i**, 282.
- Cystic lymphangioma**, of neck, **vii**, 291.
- Cystic sarcoma**, large renal, laparotomy for removal of, **vi**, 257; of lower jaw, removal of, **vi**, 126.
- Cystic tumor of jaw**, **ii**, 343.
- Cystine calculus of kidney**, **xxxvii**, 294; specimen of, **xxi**, 609.
- Cystitis**, chronic, cured by artificial vesicovaginal fistula, **iii**, 361.
- Etiology of, **xviii**, 589.
- Painful, in female, **vii**, 469.
- Sublimate treatment of, **xix**, 742.
- Tubercular, treated by permanent suprapubic drainage, **xxxiii**, 331.
- Women, in, **xliv**, 777.
- Reviews of Books: Cystitis and Urinary Infection, by Melchior, **xxii**, 541; Painful Chronic Cystitis in the Female, by Hartman, **viii**, 235.
- Cystocele**, complicating inguinal hernia, **xxxvii**, 106; inguinal, **xii**, 295.
- Cystofibroid**, of labium major, complicated by pregnancy, **iv**, 457.
- Cystoma**, ovarian, malignancy of, **iii**, 266; ovariectomy for subserous papillary, **v**, 88.
- Cystonephrosis**, **xlili**, 785.
- Cystorrhaphy**, for cystocele, **xv**, 497; Jonnesco's method for, **xxx**, 722.
- Cystosarcoma**, of thigh, **xxix**, 624.
- Cystoscope**, combined with lithotrite, **xlvi**, 452; composite, **xxxv**, 642; improved constructional detail in, **xlvi**, 463; new for catheterizing the ureters, **xliv**, 218, 225; use with reference to operation for prostatic hypertrophy, **xli**, 590.
- Cystoscopy** in the diagnosis and treatment of urinary diseases, **xv**, 64; in the male, **xxvii**, 475.
- Review of Book: Text-book on Cystoscopy, by Nitze, **xi**, 473.
- Cystotomy** (see also Calculus, Lithotomy, Suprapubic), com-



parison of the merit of suprapubic and perineal, **xxx**, 28, 103; with digital exploration of the bladder, **iv**, 532; feasibility of intraperitoneal, **xviii**, 408; fibrinous vesical concretions removed by, **xxxix**, 256; Harrington's operations of, intraperitoneal, **xlvi**, 862; inflation of bladder, preliminary to suprapubic, **xxviii**, 358, 683; intraperitoneal suprapubic, **xxiii**, 132; for large vesical calculus not demonstrated by the X-ray, **xl**, 765; lateral, **vi**, 33; and lithotripsy, **xii**, 390; subpubic, Langenbuch's high, **ix**, 389. Suprapubic, **vi**, 258, 260, 264,

**vii**, 227, **viii**, 44, **xviii**, 106; in boys, **vii**, 64, **ix**, 312, 313; after dilatation of bladder with air, **xvii**, 667, **xxv**, 141, 180; drainage in, **ix**, 312; drainage of the prevesical space through the perineum in, **xl**, 101; for hypertrophied prostate, **viii**, 47; modifications of, **xlvi**, 949; new retractor to be used in, **xlvi**, 261; for papilloma of bladder, **x**, 311; relation of pelvic peritoneum to, **vii**, 22; for stone in a little girl, **viii**, 466; for supposed tumor, **vi**, 34; treatment of wound after, **vii**, 58; for tumors, **viii**, 48; uretero-, **xxii**, 510.

## D

DA COSTA, JOHN CHALMERS: Abscess due to gastric ulcer, **xli**, 288; blood changes induced by ether as an anæsthetic, **xxxiv**, 329; distal ligation of common carotid and right subclavian arteries for aneurism, **xxxv**, 280; etiology of appendicitis, **xxiii**, 626; extradural hemorrhage, **xxxvii**, 451; false aneurism of the femoral artery, **xlvi**, 465; gall-bladder drainage after gastro-enterostomy, **xli**, 292; gastro-enterostomy for gastric ulcer, **xli**, 290; gunshot wound of brain, **xlvi**, 465; gunshot wound of spinal cord, **xlvi**, 467; gunshot wound of the lungs, **xxvii**, 97; Marjolin's ulcer, **xxxvii**, 496; osteoplastic resection of the skull by means of a new trephine, **xxxv**, 76, 152; reconstructive endo-aneurismorrhaphy, **xlvi**, 474; report of case of removal of sarcoma of tonsil, **xxvi**, 107; report of a case of tumor of carotid body, **xliv**, 393; rupture of liver, **xxxi**, 647; technic of nephropexy, **xxxvi**, 150; treatment of acute

hæmorrhax, **xxix**, 513; treatment of movable kidney, **xxix**, 762; typhoid perforation successfully treated, **xli**, 284.

DA COSTA, J. M.: Charcot's disease of the knee, **xxv**, 489; pathology of appendicitis, **xxiii**, 627.

DALTON, H. C.: Laparotomy for gunshot wound of stomach and liver, **viii**, 81; stab wound of the pericardium, suture and recovery, **xxi**, 147; sixteen cases of laparotomy, **ix**, 88; three laparotomies on one patient, **xii**, 246.

DANDRIDGE, NATHANIEL PENDLETON: Comparison of the merits of suprapubic and perineal cystotomy, **xxx**, 28, 103; gangrene of colon and ileum after operation for appendicitis, **xxxviii**, 367; surgery of the tongue, **xxi**, 97; surgical treatment of pulmonary cavities, **xix**, 120.

Dangers and disagreeable symptoms of ether, how to prevent, **xxviii**, 472, 513.

DARLING, CYRENUS G.: Sarcoma of the bladder, **xlii**, 831.

DAVIS, BYRON B.: Hernia in the linea alba, **xxi**, 464; surgical treatment of splanchnoptosis, **xl**, 733.

DAVIS, EDWARD P.: Obstetric fracture of the femur, **xxxiii**, 779.

DAVIS, GWILYM G.: Abdominal contusions, **xxxvii**, 624; acute septic infection of throat and neck, Ludwig's angina, **xliv**, 175; anastomosis of bowel **xxxiii**, 208; carcinoma of stomach, **xl**, 973; cases of nephrolithotomy, **xli**, 292; cases of recovery from traumatic tetanus after the use of antitoxin, **xxviii**, 237; complete removal of penis and testicles for malignant disease, **xxvii**, 210; diagnosis of inflammatory affections in right iliac fossa in women, **xxviii**, 141; dislocations of acromial end of clavicle directly backward, **v**, 410; dislocations of the semilunar cartilages of knee-joint, **xxviii**, 536; dislocation of the toes, **xxxiii**, 643; double hip ankylosis; **xxxvi**, 288; drainage in empyema, **xxii**, 119, 121; effects of small-calibre bullets as used in military arms, **xxiii**, 205, **xxv**, 36; extradural hemorrhage, **xxxvii**, 454; fracture of the anatomical neck of humerus, **xl**, 968; fracture of the coronoid process of ulna, **xxiii**, 449; fracture of the coracoid process of scapula, **xl**, 469; fracture dislocation of atlas without symptoms of spinal-cord injury, **xl**, 634; fractures of the internal condyle of humerus and correction of the resultant deformity by operative measures, **xxix**, 40; fracture of lower jaw, with separation of the genial tubercle, **xix**, 653; fractures of tibia involving the ankle-joint, **xxv**, 764; gangrene of gall-bladder, **xl**, 431; gas-ether anæsthesia, **xlvi**, 477; Gersuny's operation for the cure of enuresis, **xlvi**, 792; hernia

cerebri, **xlvi**, 147; incision through rectus muscle, **xliv**, 720; infantile paralysis treated by tendon transplantation and nerve anastomosis, **xlvi**, 476; injuries to nerves in fractures, **xxiii**, 147, 200; ischiorectal abscess pointing in iliac fossa, **xxxv**, 657; laryngectomy under eucaine anæsthesia, **xxxiii**, 32; ligation of external carotid artery as a preliminary to extirpation of the Gasserian ganglion, **xxxi**, 505; Ludwig's angina, **xlvi**, 307; **xlvi**, 789; Marjolin's ulcer, **xxxvii**, 451; massage and movements in the treatment of fractures, **xxiv**, 691, 752; method of anastomosing the vas deferens, **xlvi**, 793; nailing a recent intrascapular fracture of femur, **xlvi**, 469; new ward surgical dressing carriage, **xxii**, 382; operations for mammary carcinoma, **xxxiv**, 308; operations for perforation of the bowel in typhoid fever, **xxxiii**, 647, **xxxviii**, 127, **xl**, 478; operative measures in fractures of the leg, **xxxi**, 509; osteoclasia, **xxvii**, 790; peritoneal effusions resembling bile in color, **xliv**, 718; prognosis after fracture of cervical vertebræ, **xli**, 474; radical cure for direct inguinal hernia, **xlvi**, 111; radical cure of hemorrhoids without general anæsthesia, **xxxv**, 824; radical cure of hernia, **xxxi**, 648, 654; relation of the technic of nurses and of hospital apparatus to the healing of wounds, **xliv**, 456; removal of lingual and mandibular nerves by the twisting method of Thiersch, **xlvi**, 636, 639; removal of loose cartilages in knee-joint, **xxiii**, 203; results after Pirogoff amputation, **xxiv**, 750; results of treatment of fracture of patella, **xxxi**, 638; rupture of liver, **xxxviii**, 123; rupture of tendon of biceps flexor cubiti, **xli**, 790; screw fixation in cases of intracap-

- sular fracture of femur, **xlii**, 282, 285; shoulder dislocations, **xli**, 476; skiagraphy in orthopædic surgery, **xxxi**, 266; technic of suture of intraperitoneal ruptures of bladder, **xxviii**, 387; tendon transplantation, **xxxvi**, 289; tendon transplantation for congenital club-foot, **xlvi**, 136, 145; tonsillotomies, **xxvi**, 134; transverse incision for the removal of appendicitis, **xliii**, 106, 153; traumatic cerebral hemorrhage, **xlvi**, 633; treatment of appendicitis, **xxiii**, 625; treatment of compound fractures, **xxvii**, 784; treatment of congenital deficiencies of bones of foot and hand, **xli**, 462; treatment of fractures, **xxxix**, 778, 818; treatment of fractures of the clavicle, **xi**, 44; treatment of fractures of femur, **xlvi**, 791; treatment of fracture of the lower end of radius, **xxix**, 278; treatment of fractures of the nose, **xxviii**, 458, 668; treatment of fracture of patella, **xxii**, 677; treatment of intracapsular fracture of femur, **xxiv**, 66; treatment of the sac in operations for the radical cure of hernia, **xxiii**, 32; tubercular peritonitis, **xxxiii**, 211; tuberculosis of the spine in adults, **xxix**, 644; uranoplasty, **xxv**, 766; use of iodoform, **xxvii**, 679; use of the Masland saw for opening the cranial vault, **xliv**, 318; volvulus of the small intestine in typhoid fever simulating perforation, **xliv**, 310, 312; weak ankles in children, **xxxv**, 284; wounds of the venous sinuses of brain, **xxxiv**, 189.
- DAVIS, JOHN STAIGE: A method of splinting skin-grafts, **xliv**, 416; skin grafting at the Johns Hopkins Hospital, 1, 542.
- DAVIS, LINCOLN: Harrington's operation of intraperitoneal cystotomy, **xlvi**, 862; primary tumors of urinary bladder, **xliii**, 55.
- DAVIS, THOMAS A.: Anuria, **xxxvii**, 628; rupture of the spleen, **xxxvi**, 465; subparietal rupture of the kidney, **xxxvi**, 346; treatment of fractures of patella, **xxxix**, 141.
- DAVIS, THOMAS A., and D. J.: Osteomalacia in the male, **xl**, 225, 288.
- DAVISON, CHARLES: Hallux valgus, **xliii**, 469; results in abdominal wall suture, **xl**, 373, 439, 441; suture of abdominal wall, **xxxv**, 297; tubercular peritonitis, **xliii**, 793.
- DAWBARN, ROBERT H. M.: Abnormal kidney, **xxiv**, 498; abscess of liver, **xlii**, 927; amputation of the arm for carcinoma in a man aged twenty-nine, **xxi**, 301; appendix vermiformis perforated by a pin, **xxix**, 261; artificial bridge of nose, **xxxiii**, 42; carotid excision for malignant growths, **xxvii**, 127, **xxix**, 259, **xxxii**, 296, **xxxvi**, 449; case of paraplegia from spinal fracture, cure after early laminectomy, **xxi**, 46; cholecystectomy, **xxxvii**, 604; closing wounds of larger arteries, **xl**, 1026; continuous bladder drainage, **xxx**, 515; control of hemorrhage in intracranial neurectomy, **xxxv**, 405; cystic distention of internal saphenous vein simulating femoral hernia, **xxxii**, 297; dangers attending extirpation of the tongue, **xxxi**, 244; death from leakage around a Murphy button after gastro-enterostomy, **xxxiv**, 304; diagnosis of appendicitis, **xxxiii**, 634; discussion of the proper technic of vegetable plates in bowel and stomach surgery, **xvii**, 147; disinfection of skin, **xli**, 773; drainage for peritonitis, **xxxvi**, 445; dressing after operations for hemorrhoids, **xli**, 459; early recurrence following excision of malignant disease, **xvii**, 708; excision of astragalus and tendon grafting in club-

foot, **xlii**, 932; excision of both external carotids for sarcoma, **xxvi**, 366; excision of elbow, **xvii**, 704; excision of external carotid arteries for inoperable carcinoma, **xxxiv**, 569; excision of external carotids in treatment of sarcoma of upper jaw, **xxiv**, 494; excision of the tongue under anaesthesia produced by sequestration anaemia, **xlvi**, 124; experience with castration for hypertrophied prostate, **xxiii**, 742; extradural haematoma, **xxxiii**, 329; extreme equinovarus, **xli**, 949; flail-joint after excision of elbow, **xxxvii**, 95; knee-joint, foreign body in, **xli**, 775; fracture of a cervical vertebra, with paralysis of the eleventh nerve, **xxix**, 340; frontal sinus suppuration, **xlii**, 471; glove protection, **xli**, 774; Graves's disease treated by ligation of all four thyroid arteries, **xxxv**, 512; Hallux valgus, **xxxvii**, 429; high amputation of thigh, **xxxi**, 496; hot saline solutions for intravenous infusions, **xx**, 183; ileocolic intussusception, **xlvi**, 619; inferior blepharoplasty, **xxxv**, 514; intestinal obstruction from obliterated Meckel's diverticulum, **xlii**, 30; irrigation of empyemic cavities, **xxxi**, 618; laminectomy in simple fractures, **xxv**, 104; late suture of divided tendons, **xxiii**, 739; leucoplakia lingualis, **xlvi**, 126; ligation of both external carotids for nasopharyngeal sarcoma, **xxiii**, 189; ligature of the external carotid artery, **xlvi**, 872; malposition of appendix, **xlii**, 473; method of preserving needles from rust, **xxix**, 262; method of tamponing the nares, **xl**, 1021; observations on the treatment of fractures of the neck of the femur, **xlvi**, 120, 122; oesophageal tube for use during narcosis, **xlii**, 928; operations for hallux valgus, **xxv**, 481; operations for saddle-nose,

**xxxiv**, 307; operations for traumatic paraplegia, **xx**, 185; operative treatment of undescended testicle, **xxx**, 340; **xli**, 953; orbital fracture with sinus involvement, **xxxii**, 622; osteoplastic amputations, **xxxiii**, 637; osteoplastic resection of the skull for intracranial hemorrhage, **xlvi**, 621; plastic operation for new lower lip, **xlii**, 923; plastic operation for restoring lower eyelid, **xxv**, 476; points in ligation of arteries, **xxxvii**, 42; posture after nephrectomy, **xxxiii**, 336; practical points upon fracture of the thigh bone in babies, **xxvi**, 480; preliminary ligation of external carotid artery, **xliii**, 362; prostatectomy, **xxxv**, 410; purse-string suture of bowel perforations, **xlii**, 929; relative value of the Murphy button and absorbable plates in intestinal anastomosis, **xxi**, 166; results of excision of middle third of both sternocleidomastoid muscles, **xl**, 1018; results of hot saline intravenous infusions, **xxi**, 303; results of operation for metatarsalgia, **xli**, 776; results of operations for severe fractures of the skull, **xxxiii**, 323; sequestration anaemia in brain and skull surgery, **xlvi**, 161; simple means of bladder drainage, **xxiii**, 499; specially prepared celluloid plate used after trephining for epilepsy, **xxxvi**, 265; spermatic artery in operation for varicocele, **xxii**, 273; splenectomy for rupture of spleen, **xlvi**, 443; starvation treatment of malignant growths, **xx**, 269; starving malignant growths by ligation of arterial supply, **xlii**, 934; sterilization of knives, **xxxiii**, 639; strangulated femoral hernia, **xxxi**, 252; studies in the technic of the operation for carcinoma of the breast, **xx**, 180, **xlvi**, 374, 447; suprapubic drainage

of bladder, **xxiii**, 746, **xxix**, 348; surgery of vascular system, **xlvi**, 481; technic after resection of the rectum, **xxi**, 57; technic of tendon lengthening, **xlili**, 304; traumatic cubitus varus, **xxxiii**, 48; traumatic torticollis, **xxxiii**, 627; treatment of a case of nasopharyngeal sarcoma, **xxiv**, 44; treatment of cavernous angioma of the face, **xxxvi**, 268; treatment of fecal fistula, **xxv**, 476; treatment of tetanus, **xlili**, 443; treatment of wounds of sinuses of the dura mater, **xxxvii**, 609; use of appendix for flushing the colon, **xxxvii**, 613; use of carbon-dioxide distention of colon to overcome intussusception, **xx**, 419; use of gutta-percha for correcting nasal bony defects, **xli**, 456; use of gutta-percha for nasal bridge, **xli**, 947; use of potato plates for intestinal anastomosis, **xxvii**, 544; vasectomy for hypertrophy of the prostate, **xxvii**, 766; vitality of rubber, **xlili**, 306; X-ray treatment of malignant tumors, **xxxvii**, 433.

DEADERICK, C.: Rupture of quadriceps tendon, with dislocation of the patella, **xi**, 102.

Death, from ether, **xxv**, 183; from ether in 1885, **iii**, 512; from gunshot wound, **iv**, 477, 528; sudden, **i**, 43; sudden, from introduction of an aspirator needle into a hepatic abscess, **v**, 346.

DEAVER, HARRY C.: Congenital mesenteric cysts, **xlxi**, 618, 734; excision of the hip-joint, **xxviii**, 663; postcæcal abscess of appendicular origin, **xxviii**, 665; separation of the lower epiphysis of the femur, **xxviii**, 664; stab wound of the diaphragm, **xlvi**, 634.

DEAVER, JOHN B.: Acute pancreatitis, **xlxi**, 292; advantages of abdominal over vaginal hysterectomy in carcinoma, **xl**, 135; amputation at the hip-joint, **xvii**, 711; artificial teeth

in œsophagus, **xxii**, 111; bone metastases in carcinoma of the breast, **xlvi**, 323; carcinoma of the rectum, **xxxii**, 726; Cargile membrane, **xli**, 789; case of bilateral operations for strangulated hernia, **xxiv**, 63; case of choledochotomy, **xxiv**, 58; case of swallowed foreign bodies located by the Röntgen rays, **xxvii**, 64; choice of operations for stone in the bladder, **xxx**, 362; cholecystotomy, **xxiv**, 61, **xxxi**, 646; chronic appendicitis complicated by acute colitis, **xxiv**, 61; combined cholecystotomy and choledochotomy, **xxiv**, 59; comparative value of operations for relief of trifacial neuralgia, **xvii**, 711; contracted bladder, **xxii**, 114; diagnostic significance of chronic colitis, **xxviii**, 149; diffuse peritonitis, **i**, 1303; end results following operation for benign diseases of the stomach and duodenum, **xlvi**, 894; extraperitoneal rupture of the bladder, **xxiv**, 751; fibroma of appendix vermiformis, **xxviii**, 143; fish-bone in œsophagus, **xxii**, 110; gangrene of scrotum due to urinary extravasation, **xli**, 785; gastro-enterostomy, **xxviii**, 145; hydronephrosis, **xxxiii**, 72, 73; intestinal suture, **xxxv**, 823; large gallstones in the common duct, **xlxi**, 577; left-sided abscess of appendical origin, **xxxiii**, 775; ligature in oöphorectomy, **xxiii**, 63; mortality of operation for obstructive jaundice, **xxxiv**, 165, 441; movable kidney, **xxix**, 706, 761; muscle-splitting in wry-neck, **xxxiii**, 797; nephrolithiasis, **xxxiii**, 71; neuroma of brachial plexus, **xxii**, 113; open measures in the treatment of fractures, **xxv**, 762; operations upon the kidney at the German Hospital in Philadelphia, **xxxvi**, 87, 152; operation for perforating



typhoid ulcer, **xxviii**, 144; operative relief of intestinal obstruction, **xxix**, 267; operative treatment of appendicitis, **xxvii**, 104; operative treatment of carcinoma of the breast, **xxvii**, 113; operative treatment of carcinoma of the rectum, **xxxi**, 640; operative treatment of cirrhosis of liver, **xxxiii**, 791; operative treatment of deformity after fracture of the humerus, **xxviii**, 142; operative treatment of head injuries, **xiii**, 434; pancreatic cyst, **xxxii**, 723; perforating gastric ulcer, **xlix**, 730; perforation of the bowel in typhoid fever, **xlvi**, 447; plaster of Paris in treating fracture of leg, **xxxiii**, 799; points in the technic of the operation for appendicitis, **xxvii**, 78, 106; postoperative treatment, **xlvi**, 325; preservation of body-heat during operations, **xl**, 153; radical cure of hernia, **xxxi**, 651; radical cure of inguinal hernia, **xxvii**, 459; recurrences after operations for sarcoma, **xxxiv**, 594; relative merits of suprapubic and perineal prostatectomy, **xlix**, 296; remarks on carcinoma of the stomach, **xlvi**, 972; remarks upon the differential diagnosis, the pathology, and the treatment of appendicitis, **xxvii**, 303; ruptured ectopic pregnancy during typhoid fever, **xlvi**, 323; sarcoma of the breast, **xxxiii**, 725; Saturday surgical clinic for students, held at the German Hospital of Philadelphia, 1905-1906, **xlvi**, 431; 1906 and 1907, **xlvi**, 761; 1907-1908, **xlix**, 824; secretion of urine after major operations, **xxi**, 184; strangulation of fimbriated extremity of Fallopian tube in sac of femoral hernia, **xl**, 154; supravaginal hysterectomy for myoma, **xxviii**, 142; surgical treatment of exophthalmic goitre, **xxxviii**,

202; treatment of abdominal injuries with intra-abdominal hemorrhage, **xxi**, 326; treatment of complications attendant upon gall-stone disease, **xxxviii**, 549; treatment of extra-uterine pregnancy, **xxxiv**, 442; treatment of gangrenous hernia, **xx**, 189; treatment of intra-capsular fracture of the femur, **xxiv**, 64; treatment of perforative peritonitis, **xlvi**, 870, 1045; ureteral calculus, **xliii**, 732, 776; use of needle-holders, **xxix**, 263; use of X-ray in goitre, **xlix**, 579; vaginal hysterectomy for carcinoma, **xix**, 697; volvulus of the small intestine in typhoid fever simulating perforation, **xlvi**, 311.

Debierre's la moelle epiniere et l'encephale (review of), **xix**, 765.

Decapsulation for chronic nephritis, **xxxix**, 617.

Deciduoma malignum, **xxi**, 525.

Decompressive subtemporal operations for the intracranial complications associated with bursting fractures of the skull, **xlvi**, 641.

Decortication of lung in empyema, **xxxvi**, 641.

Deficiencies, congenital, of bones of foot and hand, **xli**, 46; restoration of, by suture and transplantation, in highly organized tissues, **xii**, 266.

DE FOREST, HENRY P.: Motor-boat fractures, **xlvi**, 131; surgery of the thoracic duct, **xlvi**, 705.

Deformity or deformities, of arm, from excessive loss of skin, operation, **iii**, 346.

External ear, of the, **xxiv**, 206.

Forearm, of, **iii**, 135; and hands, **iii**, 135.

Functional pathogenesis of, **xxvi**, 136.

Hands, of, from cicatricial contraction, **i**, 64; glass-blowers', **viii**, 151.

Hip-joint disease, after, cause and correction of, **ii**, 168.

Multiple genital, **xxv**, 94.

- Nasal, plastic correction of, vii, 452.
- Postparalytic, results obtainable in the treatment of, xxx, 571.
- Result of operation for, xxxiv, 832.
- Theory of the ultimate etiology of, xxiv, 131.
- Trunk, of the, postural, treated by rapid and thorough physical development, xxii, 226.
- Reviews of Books: Bodily Deformity, by E. J. Chance, xlv, 640; Deformities, by Baker, iv, 280; Deformities of the Face and Foot, by Churchill, ii, 347; Treatise on Deformities, by Tubby, xxvi, 520.
- DE GARMO, WILLIAM B.: Amputation of omentum in hernia operations, xxi, 658; cure of femoral hernia, xlii, 209; study of thirty-nine cases of strangulated hernia, xxi, 438.
- DELATOUR, HENRY BEEKMAN: Angulation at the sigmoid, xlii, 678; contribution to the surgery of the stomach, xxxi, 572; excision of the clavicle, xxxvii, 79; thrombosis of mesenteric veins as a cause of death after splenectomy, xxi, 24.
- DELAUP, SIDNEY P.: Total excision of the scapula, xxxvi, 563.
- De Lorme's operation for empyema, xxxi, 617; final result of, xxxvi, 440.
- DENNIS, FREDERIC S.: Cases of elbow- and shoulder-joint resections, xxviii, 255; etiology, diagnosis, and treatment of malignant disease, xxii, 417; gastrostomy for cicatricial contraction of œsophagus, xxx, 633; gastrostomy for stenosis of œsophagus following typhoid fever, xxviii, 254; recovery from appendicitis with pus free in the abdominal cavity, xxx, 632; specimen of sarcoma growing into pulmonary veins and projecting into heart, xxi, 323; treatment of spine and cord injuries by plaster-of-Paris jacket, xxi, 268, 482, 484; treatment of tetanus, xxvi, 657; tubercular peritonitis and pleuritis cured by operation, xxviii, 255.
- DENSLOW, LE GRAND N.: The surgical treatment of locomotor ataxia, xlix, 737.
- Dental nerve, inferior, resection of, iii, 236.
- Dentigerous tumor of inferior maxilla, xlii, 310, 352.
- DERCUM, F. X.: Cases of spinal surgery, ix, 424; further report of results obtained in a case of removal of the posterior wall of the spinal canal and opening of the dura mater spinalis for paraplegia, xii, 37.
- Dermoid cyst, in abdominal wall, xxiii, 296; of chest, x, 389; collapsing, xxi, 593; free abdominal, xxi, 609; of head, xlv, 716; of lung, xlii, 302; of neck, new treatment of, viii, 386; of orbit, xxv, 487; of ovaries, both, iii, 263; of pelvic connective tissue, xl, 929; of scalp and mid-line of the back, x, 81; of thigh, deep-seated, xvi, 462; wandering, xxi, 308.
- Fistula, coccygeal, xxxi, 340.
- Implantation in intracranial tumor, xxiii, 573, 606.
- Desmoid fibroma of the abdominal wall, removal of, xxx, 587.
- Tumors, of abdominal wall, xlviii, 175.
- Development and repair of bone, osteogenic factors in, vi, 289, 389.
- Diabetes and carcinoma, xxxviii, 444; cutaneous lesions of the genitals due to, vii, 61; with induration of corpus cavernosum, ii, 85.
- Diabetes mellitus, gangrene of foot with, ix, 464.
- Review of Book: Gangrene in Diabetes Mellitus, by Grossman, xxxi, 776.
- Diabetic gangrene, hip amputation for, xxxi, 494; revision of teachings regarding major operations in, vi, 139.
- Patients, surgical operations upon, xxxi, 393, 494, 500.

**Diagnosis** of abdominal tumors, xvii, 339.

Reviews of Books: Clinical Diagnosis, by Jaksch, xliii, 482; Diagnosis of Surgical Diseases, by Albert, vii, 238, xxxvi, 807; Elements of Clinical Diagnosis, by Klemperer, xxviii, 409; Essentials of Medical Diagnosis, by Solis Cohen, xvi, 399; Gynecological Diagnosis, by Findley, xliii, 962; Lessons in Physical Diagnosis, by Loomis, xviii, 474; Surgical Anatomy, by Albert, vii, 238; *Idem*, by Berg, xliii, 642; *Idem*, by Eisendrath, xlvii, 151; *Idem*, by Kiliani, xlv, 473.

**Diagnostics of Internal Medicine** by Glentworth R. Butler (review of), xxxvi, 318.

**DIAGONOW, P. T.:** Overlapping aponeurosis in suture of abdominal wounds, xlv, 159.

**Diaphanoscopy**, gastric, xlviii, 785.

**Diaphragm** and chest wall, resection of, for primary sarcoma of pleura, xliii, 645; excision of part of, together with sarcoma of wall of thorax, xxxiv, 281; hernia of colon through, iii, 84; hernia of stomach through, into thorax, xlv, 680; involved in enchondroma of chest wall, operation for, xxxvii, 724; and kidneys, surgical anatomy of, i, 286.

Wound of, xxxiii, 651; bullet, of pleura, lung, liver, and, xli, 139; perforating, xxix, 492; perforating, associated with chest wounds, xl, 675; stab, xxx, 235, xlvii, 633; of colon and lung, xxviii, 499; stab, with hernia of omentum, viii, 93, 94.

**Diaphragmatic hernia**, case of, xxvi, 353; operation for, xi, 124.

**Diaphragmatic**, sub-, hydatids, vi, 191.

**Diathesis**, influence of traumatism upon, i, 273.

**DICKERMAN, EDWARD T.:** Carcinoma of the larynx, xxxvi, 620.

**DICKINSON, GORDON K.:** The omentum and its functions, xlv, 652.

**Dictionary, American Medical**, of Dorland (review of), xxxv, 296; of Medicine by Keating-Hamilton (review of), xvi, 503.

**Diet** after surgical operations, v, 255.

**Digestive System, Diseases of the**, by Billings (review of), xlv, 159.

**Digital compression** of common iliac vessels in disarticulation of hip, xxii, 404.

**Digits**, amputations of, under cocaine, v, 417; reunion of severed, v, 263.

**Dilatation**, gastric, acute, xlv, 736; acute, complicating typhoid fever, xlviii, 678; resulting in chronic inflammation, surgical treatment of, xli, 36; and tetany, xxxix, 527.

**Dimethyl acetate** as an anæsthetic, i, 571.

**Diphtheria**, xiv, 501.

Tracheotomy in, v, 144; causes of difficulties in dispensing with the tube in some cases of, vi, 492; in childhood, iii, 78, 79 523; conditions following, viii, 305; followed by stenosis of trachea, iii, 499; in Leipsic, i, 97.

Wounds, of, xviii, 455.

Review of Book: Causes of the Difficulties in Dispensing with the Tube in Some Cases of Tracheotomy for Diphtheria, by Koehl, vi, 294.

**Diploe**, venous tumor of, xx, 165.

**Disarticulation** at the hip-joint, ii, 468.

**Discussion** on the pleura in the treatment of chronic empyema, xliii, 502.

**Disinfecting** action of aqueous solutions of carbolic acid, ii, 499.

**Disinfection** of the physician's hands, iv, 66, vii, 153; of septic wounds, xviii, 455.

**Dislocation** of ankle, compound, ix, 145.

- Astragalus, of, **i**, 490, **xxix**, 343, 645, 647; with fracture, **vi**, 405.
- Atlas, of the, forward, with fracture of the odontoid process of the axis, **xlii**, 245.
- Axis, of the, partial, **vi**, 502.
- Carpo-metacarpal, **xliii**, 906.
- Carpus, of, **xliii**, 939.
- Clavicle, of, backward, at acromial end, **v**, 410; both, simultaneous, **iii**, 260; double, **ix**, 154.
- Elbow, of, unreducible, **xliii**, 780; old, **vi**, 201, **xxix**, 347.
- Femur, of the, backward, reduced by Guermonprez' method, **xii**, 453; dorsal, **ii**, 164; spontaneous, **iii**, 257; into thyroid foramen, **vi**, 48.
- Fibula, of head of, **viii**, 221; simple, **iv**, 84.
- Fingers, of the, interphalangeal, **vii**, 39; upon metacarpus, backward, **iv**, 549, **ix**, 280.
- Foot, of the, forward and outward, **xvii**, 497.
- Hip, of the, **v**, 169, **vi**, 266; congenital, treatment of, **xvi**, 582; new method of reducing, **i**, 490; operative reduction of, **xxix**, 386; traumatic, of both, **ix**, 305; upward, **xvi**, 527.
- Humeroradial joint, of the, **iii**, 530.
- Humerus, of the, head of, **xxii**, 116, 118.
- Knee-joints, of both, **xxix**, 345.
- Lower jaw, of the, backward, **xvi**, 565.
- Metatarsophalangeal joint, of the, **xliv**, 630.
- Obturator, **xv**, 452.
- Patella, of the, rotary, **xvii**, 106; with rotation on its horizontal axis, **xli**, 107.
- Pathological, **vi**, 56.
- Radial head, of the, with fracture of upper third of ulna, **iv**, 262; isolated, outward, **v**, 438.
- Sacro-iliac, complicating fracture of femur, **i**, 463.
- Shoulder, of the, in childhood, treatment of congenital and acquired, **xlii**, 110, 113; habitual, **xlvii**, 811; injuries of blood-vessels in reduction of, **ii**, 369; irreducible, operative treatment of, **xxxiii**, 450; old, unreduced, posterior, **xlvi**, 623; reduced by Macleod's method, **xii**, 301, 302; supracoracoid, **viii**, 175.
- Sternal bones, of the, reduced by a cough, **viii**, 156.
- Sternum, of the, **iii**, 173.
- Toes, of the, **xxxiii**, 643.
- Traumatic operative intervention in irreducible, **v**, 438.
- Vertebra, of, **xliv**, 457; fifth cervical, **ii**, 160; seven *en masse*, **ix**, 301.
- Reviews of Books: Congenital Dislocations, by Delanglade, **xxv**, 519; Dislocations, by Pick, **iii**, 449; Manual of Dislocation, Dissection, and Practical Anatomy, by Eckley, **xxxvii**, 640; Permanent Extension in Dislocations, by Bardenhauer, **ix**, 397; Recent Traumatic Dislocation, by Stetter, **iv**, 284, 292; Text-book of Fractures and Deformities, by Hoffa, **ix**, 319; Traumatic Fractures and Dislocations, by Helferich, **xxvii**, 158.
- Distention** of hollow viscera resulting in strangulation, **xlvi**, 780; mechanical, of the appendix, in relation to etiology of appendicitis, **xli**, 437.
- Distomium hæmatobium**, **iv**, 350, 352.
- Diverticulitis**, acute, of descending colon, and sigmoid perforation, **xlvii**, 132; acute, of sigmoid, with intra-abdominal abscesses, **xlvi**, 148; sigmoid, in a child, **xlvii**, 300.
- Diverticulum**, false, of the vermiform appendix, **xliv**, 78; intestinal, case of, **xxiii**, 611; Meckel's, inversion of patent, **vii**, 158; œsophageal, **xlviii**, 615.
- Dixon, A.**: Laparotomy for perforation of appendix, **viii**, 23; operation for strangulated hernia followed by laparotomy for intestinal obstruction, **viii**, 371; rupture of gall-bladder, and cholecystectomy, **v**, 321.

- DIXON, CHARLES H.: Case of choledochocystotomy, **xxvii**, 203; gangrene of appendix in a three weeks' old infant, **xlvi**, 57.
- DODGE, GEORGE E.: Subcutaneous rupture of the kidney, **xxxvi**, 899.
- Dogs, successful transplantation of carcinoma in, **xxxiii**, 237.
- Domestic Animals, Physiology of, by Smith (review of), **x**, 317.
- DORAN, A.: Details of Ovariectomy, **vii**, 321.
- DORRANCE, GEORGE M.: Experimental study of the suture of arteries, with a description of a new suture, **xliv**, 409; gunshot injury of the left hypoglossal nerve, **xlvi**, 160; multiple fracture of the lower jaw treated with an interdental splint, **xlvi**, 827; spiral fracture of the humerus caused by jiu-jitsu, **xlvi**, 778.
- DORSON, JOSEPH F.: Mesocolic hernia, **xlvi**, 687.
- Double castration, **vi**, 31.
- DOUGLAS, RICHARD: Primary retroperitoneal solid tumors, **xxxvii**, 372.
- DOWD, CHARLES N.: Ability of the peritoneum to overcome sepsis, **xxxii**, 139; acute diffused gonococcus peritonitis, **xxxv**, 276; adenofibroma of breast, **xxxiv**, 181; angioma of face treated by electrolysis, **xxxiv**, 421; advantage of simplicity in operations for appendicitis, **i**, 762; benign stricture of the œsophagus, gastrostomy, dilatation by the string method, **xlvi**, 147; carcinoma of stomach, **xlvi**, 926; case of cleft hand, **xxiv**, 211; chyle cysts of the mesentery, **xlvi**, 623; cleft palate, **xl**, 265; congenital dislocation of the hip reduced by operation, **xxxv**, 271; congenital dislocation of right and left knee-joints, **xxix**, 345; congenital lumbar hernia at the triangle of Petit, **xlvi**, 245; constriction of intestines from obliterated Meckel's diverticulum, **xlvi**, 300; dilatation and hypertrophy of stomach, **xlvi**, 442; dislocation of the humerus complicated by fracture at or near the surgical neck, **xix**, 399; endothelioma of cauda equina, **xlvi**, 279; excision of the knee-joint, **xxxiv**, 422; final results of X-ray treatment of carcinoma, **xlvi**, 608; fracture of the neck of femur, **xlvi**, 118; frequency of liver abscess after appendicitis, **xlvi**, 857; hæmaturia relieved by nephrotomy, **xlvi**, 266; harelip and cleft palate, **xxxix**, 284; hydronephrosis due to calculus occlusion of ureter, **xlvi**, 265; incision of pulmonary pleura for empyema, **xxxiv**, 179; late secondary carcinoma without local recurrence, **xlvi**, 934; ligation of ductus arteriosus, **xlvi**, 335; long immunity after excision of carcinoma of breast, **xxxiii**, 201; long immunity from recurrence after removal of epithelioma of lower lip, **xxxiii**, 51; lymphangioma of the face, **xxxv**, 407; mesenteric cysts, **xxxii**, 515; neck incisions and nerve injuries, **xlvi**, 626, 628; nephrectomy for sarcoma, **xl**, 595; nephrectomy for tuberculosis, **xxxv**, 413; nephrotomy for calculi, **xxxv**, 419; œsophageal stricture dilated by a thread and a rubber tube, **xxxix**, 273; operative treatment of cleft palate, **xlvi**, 137; partial enterocoele, **xxxix**, 297; perforating duodenal ulcer, **xlvi**, 390; peritonitis in children from unknown sites of infection, **xlvi**, 821, 932; persistent thyroglossal duct, **xxxvii**, 271; postoperative anuria, **xxxiii**, 337; postoperative intestinal obstruction, **xl**, 599; primary typhlitis without appendicitis, **xlvi**, 964; pylorotomy for carcinoma, **xxxvii**, 270; re-



covery after resection of intestine for gangrenous intussusception in a child, **xxxvi**, 47; resection of intestine followed by end-to-end anastomosis, **xlili**, 148; resection of lower end of ileum for ileocaecal carcinoma, **xxxv**, 808; resection of lower end of ileum for tuberculosis, **xxxv**, 806; result of plastic operation on lower lip, **xxxi**, 492; results of operations for undescended testicles, **xxx**, 338; results after partial excision of elbow, **xlxi**, 861; spontaneous disappearance of gastric tumors, **xxxiv**, 303; staphylococcus bone infection, **xliv**, 111; study of twenty-nine cases carcinoma of the breast submitted to operation, **xxvii**, 285; suppurative arthritis of knee treated by the Mayo method, **i**, 482; surgery of peritoneal tuberculosis, **xlvi**, 146; surgical treatment of tubercular cervical lymph-nodes, **xlvi**, 49; technic of early operation for the removal of tubercular cervical lymph-nodes, **xlvi**, 169; tendon transplantation, **xlvi**, 142; thoracoplasty and lung decortication, **xlxi**, 866; thrombosis of lateral sinus and upper jugular vein, **xxxix**, 276; treatment of fracture of femur in infants, **xli**, 454; treatment of undescended or maldescended testis, **xlvi**, 468; tubercular cervical lymph-nodes, **xxix**, 559, 613, 615; tubercular osteomyelitis of tibia, **xxxix**, 277; tubercular peritonitis, **xlvi**, 141; tuberculosis of femoral, inguinal, and iliac lymph-nodes secondary to foot wounds, **xxxvii**, 746, 782; umbilical hernia, **xxxix**, 1005; undescended testis complicating hernia, **xli**, 952; use of Wolfe grafts and tendon lengthening in treating cicatricial contractures, **xlili**, 278, 304; value of intestinal suture with stitches through all

layers, **xxxvi**, 50; vanishing tumor of pylorus, **xliv**, 296; Volkmann's ischaemic paralysis of forearm, **xlvi**, 460; voluntary military surgeons, **xlxi**, 862; webbed fingers, **xxxi**, 493; X-ray treatment of malignant tumors, **xxxvii**, 271.

DOWNES, WILLIAM A.: Dislocation of semilunar bone and fracture of the carpal scaphoid, **xlvi**, 161; dorsal meningocele, **xlvi**, 140; epithelioma of palate and fauces, **xlvi**, 128; hour-glass stomach, **i**, 552; intestinal obstruction due to gall-stones, **xlxi**, 717; lateral intestinal anastomosis with later perforation of blind end of gut, **xlxi**, 562; nephrectomy for embryoma in a child, **xlxi**, 140; oesophageal thoracic fistula, **xlvi**, 770, 771; operation for old injury of the forearm involving the flexor tendons and median and ulnar nerves, **xlvi**, 461; perforating ulcer of stomach, **xlvi**, 772; simple fracture of carpal scaphoid, **xlvi**, 72, 131; volvulus of the small intestine, **i**, 498.

DOWNES, ROBERT N., JR.: Penetrating wounds of thorax, **xxix**, 506.

Doyen's method for Gasserian ganglion, extirpation, **xxiii**, 69.

Drainage, **i**, 60, 269, **x**, 259, **xiv**, 278; after abdominal operations, question of, **xxxviii**, 139; of bladder, suction apparatus for continuous, **xxxvii**, 886; of brain, **ii**, 15; combined tubular and capillary, **i**, 269; of fresh wounds, methods of dispensing with, **i**, 87; of gall-passages after operations, **xxi**, 118; indirect subperitoneal, in the extra-peritoneal closure of persistent fecal fistulae, **xlvi**, 827; of joints *vs.* excision, **viii**, 396; in pelvic abdominal surgery, **xii**, 425; of the peritoneal cavity, **xi**, 338, **xii**, 250, **xxvi**,

- 250; and primary union, vii, 72; question, contribution to, xviii, 570; in suprapubic cystotomy, ix, 312; in the treatment of injuries and diseases of the floor of the cranium, x, 40; in what cases of wounds shall it be used? xii, 413.
- Drainage - tube** for empyema, xxii, 119, 120, 121, 122.
- Drains**, rubber, disinfection and hardening of, ix, 351; string, v, 415.
- Dressing**, carbolyzed, paralysis of bladder from, ii, 85; corrosive sublimate as an antiseptic, ii, 148; dry, in antiseptic surgery, iii, 122; gauze, sticky, iii, 523; glycerin as a surgical, iii, 253; peat moss as a, ix, 70; sawdust as a, iii, 340; subiodide of bismuth, for ulcers, iv, 545; sugar as a, iii, 93; tannic acid as a surgical, vi, 144; terebene as a, ix, 452.
- Review of Book: Iodoform Dressing, by Mikulicz-Newell, viii, 476.
- Dressing carriage** for wards, xxii, 382.
- Dressing materials**, germs contained in, vi, 446; sterile, vi, 447.
- Review of Book: Military Surgical Dressing Materials, by Langenbuch, vi, 286.
- Drills and nails**, after resection, iv, 269.
- Dropping device** for administering anæsthetics, xli, 120.
- Dropsy** of gall-bladder, i, 362; of hernial sac, iii, 249.
- Drowning** of patients in fecal vomit, xxxvii, 862.
- DRUGINSKY, S.**: Resection of portion of chest wall and of diaphragm for primary sarcoma of the pleura, xliii, 645.
- Dry dressings**, antiseptic properties of, xi, 468.
- DUDLEY, E. C.**: Case of appendicitis, xxxix, 821; sarcomatous degeneration of uterine myoma, xlii, 147; ureterocystostomy for accidental wound of ureter, xxxix, 755, 821.
- Duhrssen's method** for the operative cure of retroflexion, xvi, 478.
- DULLES, CHARLES W.**: Remarks upon tetanus, xxvii, 234.
- DUNHAM, THEODORE**: Abscess of the liver, xxxiii, 757; control of oozing, after use of Es-march bandage, xxxiv, 838; fracture of the femur in young children, treatment of, xli, 454, xlv, 118; harelip, i, 489; operations, retentive method after, xlii, 593; hernia of the umbilical cord, xlix, 559; improved iodoform emulsion, xlix, 721; intussusception, xlii, 592; leucocyte count in surgery, xxxi, 669; xxxii, 114; method for obtaining a skin flap from the scalp and a permanent buried vascular pedicle for covering defects of the face, xvii, 677; new instruments for treating stricture of œsophagus, xxxvii, 350; plastic of face, xxxiv, 837; sharp knives at operations, xxxiv, 838; stab wound of the spinal cord, xlv, 641; stricture of œsophagus, xxxiv, 822; tubercular tenosynovitis, xxxvi, 135; tuberculins and the tuberculo-opsonic index, xlv, 597, 645.
- DUNHOFF, E. VON**: Abscess of brain, x, 119.
- DUNN, J. H.**: Cases of surgery of the urinary bladder involving suprapubic section, xix, 461.
- Duodenal atresia**, congenital, xxxii, 858.
- Fistula**, xlv, 721.
- Gastric ulcer**, and, contributions of surgery to a better understanding of, xlv, 810; secondary to wounds of the urinary bladder, xlvii, 924, 1052. surgical cure of, xlvii, 885, 1050; treatment of, xlv, 236.
- Route** for the removal of biliary calculi from the common duct, xxviii, 481, 517, 525.
- Ulcer**, xl, 900, xlix, 837; chronic, xli, 786; excision of, success-

- ful, **xx**, 241; perforating, **xxx**, 236, 634, **xxxvi**, 608, **xxxix**, 109, **xlvi**, 129, 461; perforating, associated with appendicitis, **xl**, 447; treated by gastro-enterostomy, **xxxv**, 411.
- Duodenocholedochotomy**, **xxxvi**, 927; value and place of, in gall-stone surgery, **xlvi**, 69.
- Duodenostomy**, **xl**, 30.
- Duodenum**, anomaly of, resulting in death after gastro-enterostomy, **xlvi**, 88; artificial biliary fistula into, **v**, 231, 238; constriction of, below the entrance of the common duct, and its relation to disease, **xlvi**, 80; late results after operation for benign diseases of the stomach and, **xlvi**, 873, 885, 894, 1050; pseudodiverticulum of, large, **xx**, 63; review of three hundred and three operations upon stomach and first portion of the, **xxxviii**, 30; subacute perforation of, **xl**, 223; surgery of, **xxxix**, 302; treatment of posterior perforations of the fixed portions of, **xxxix**, 727.
- Dupuytren's contracture**, **xxxvi**, 973, **xxxviii**, 765; treatment of, **ii**, 82.
- Dura mater**, blood-tumors of cranium communicating with superior longitudinal sinus of, **v**, 355; condition of, in brain tumors, **iv**, 510; removal of tumor of, **iii**, 416; treatment of wounds of sinuses of, **xxxvii**, 609.
- Dural, sub-, implantation of rubber tissue following trephining**, **xxii**, 385.
- Dust**, surgical significance of, **xvii**, 464.
- DYBALL, BRENNAN**: Parotitis after abdominal injuries, **xl**, 886.
- Dysentery**, amoebic, relative value of cæcostomy and appendicostomy in treatment by irrigation of the colon, **xlvi**, 543; secondary infection in, **xiv**, 384; surgical treatment of amoebic, **xxxiii**, 574.
- Dysosphresia**, **xiv**, 46.
- Dyspepsia** due to defective drainage, surgical treatment of, **xli**, 36.
- Dysphagia** due to pressure of cervical rib, **xli**, 767.
- Dyspnoea**, from congenital stenosis of trachea, **v**, 70.
- Dystrophies** observed after resection, **viii**, 113.
- DWIGHT, THOMAS**: Stylohyoid ossification, **xlvi**, 721.

## E

- EADS, B. BRINDLEY**: Ventral hernia following abdominal section, **xxxiii**, 1.
- Ear**, cocaine in surgery of, **iii**, 64; deformities of the external, **xxiv**, 206; external, removed for epithelioma, **xxix**, 49; pachymeningitis after inflammation of the middle, **ix**, 137; prominent, operation for relief of, **xi**, 49; prominent, plastic operation for, **xxi**, 301; removal of foreign bodies from, **iv**, 170; syphilitic affections of, **viii**, 65.
- Reviews of Books: Diseases of the Ear, Nose, and Pharynx, by St. John Roosa, **xliv**, 794; Ear, by Buck, **i**, 385; Injuries and Diseases of the Ear, **i**, 385; Surgical Treatment of Middle Ear and Mastoid, by Oppenheimer, **xliv**, 474; Operations for Suppuration in the Middle Ear and its Intracranial Complications, by Heine, **xlvi**, 941; Text-book of Diseases of the Ear, by Dench, **xxxix**, 636; Text-book of the Ear, Nose, and Throat, by Bishop, **xxvi**, 524, 542; Text-book of Ear, Nose, and Throat Diseases, by Burnett, Ingals, and Newcomb, **xxxv**, 437.
- Early days of the American Surgical Association**, reminiscences of, **xlvi**, 833, 1044.

- EASTMAN, B. L.:** Cases of bone-grafting for cranial defect, **xxii**, 787; note on the sterilization of catgut by boiling in olive oil, **xx**, 56.
- EASTMAN, JOSEPH RILUS:** *Bacillus pyocyaneus* septicæmia, **xl**, 613; intraligamentous tubal pregnancy—successful removal by abdominal section of a four-pound living child with all its appendages, **ix**, 472; newer conceptions of operative technic in cleft palate and harelip, **xlix**, 34; radical operation for inguinal hernia, **xliii**, 133; relation of displacement of kidney to formation of renal calculi, **xxxiii**, 343; treatment of cicatricial œsophageal stricture by direct dilatation, **xxxix**, 161.
- EBERMANN, ALEX. L.:** Foreign bodies in bladder, **xv**, 494.
- Echinococcus** or **echinococci**, of abdominal organs, operation for, **iv**, 76; cases of, **vi**, 74; intramural, **xii**, 393; of liver, **x**, 275, **xi**, 128, 288, **xv**, 232, **xxxi**, 253, **xxxii**, 714, 812, **xxxiii**, 755; of lung, **x**, 203, **xlii**, 307; of lungs, operative treatment of, **iv**, 177; in man, **v**, 215, 237, 285, 361, 362; multiple, in abdominal cavity, **xvii**, 241; operations, **i**, 72; of pelvic bones, **xv**, 146; of spleen, **x**, 132, **xii**, 68; subphrenic, **x**, 130.
- Ecchondroma** of cricoid cartilage, **v**, 71.
- ECHOLS, CHESTER M.:** Portable traction apparatus for treating fractures of the femur and for various orthopædic operations, **xlix**, 107.
- ECKLEY, WILLIAM T.:** Congenital and infantile omentocele on the same side, **xl**, 204.
- Ecphyaditis**, infective, **xvii**, 749.
- Ectokelostomy**, **xxxiii**, 508.
- Ectopia testis**, transverse, **xl**, 223.
- Ectopia vesicæ**, **iii**, 168, 169; operative relief of, **xxx**, 130, 715; treatment of, **xliv**, 281.
- Ectrodactylia**, **i**, 163, **iii**, 135.
- Eczema** of surgeons, **xx**, 592.
- EDENBOHLS, GEORGE M.:** The other kidney in contemplated nephrectomy, **xxvii**, 425; technic of nephropexy, **xxxv**, 137.
- Edinburgh Obstetrical Society,** Transactions of, vol. xxvi (review of), **xxxvi**, 810.
- EDWARDS, F. SWINFORD:** Fatal case of attempted radical cure of hernia, **i**, 120; prosta-tectomy for complete obstruction to micturition, **iii**, 432; suprapubic cystotomy, **iii**, 90; treatment of urethral stricture, **iii**, 91; treatment of urethral stricture by electrolysis, **iv**, 156.
- EGGERS, CARL:** Are the intestines able to propel their contents in an antiperistaltic direction? **xlvi**, 576; observations upon a form of exophthalmic goitre occurring in a dog, **xlvi**, 541.
- Egg-membrane** in trephining operations, **xxviii**, 455.
- EHRENFEST, HUGO:** A new knot-tightener, **xxxiii**, 743.
- EISENDRATH, DANIEL N.:** Abdominal-wall sutures, **xl**, 439; adenoma of the mucous glands of the lips as a cause of macrocheilia, **xl**, 320, 438; abscess of Stenson's duct, **xxxvii**, 971; aponeurotic suture for fracture of patella, **xxxvii**, 962; blastomycetic dermatitis, **xxx**, 545; brain tumors, **xli**, 794; branchial cyst, **xliii**, 639; cause of death after cholecystectomy, **xlii**, 792; cervical rib, **xl**, 437; condition of liver in gall-stone cases, **xli**, 317; conservative surgery in crushing injuries of arm, **xxxix**, 462; contribution to renal and ureteral surgery, **xlviii**, 703; coxa vara, **xliii**, 635; cystadenoma of jaw, **xliv**, 628; diagnosis of œsophageal lesions, **xliii**, 947; diffuse molluscum fibroma, **xlii**, 782; dislocation of atlas, **xli**, 798; extensive subcutaneous laceration of abdominal muscles, **xxxix**, 979, **xi**, 291; extraperitoneal rupture of bladder, **xxxv**, 288; fractures of tarsal bones, **xli**, 363; fracture of upper end of humerus,

- xliii**, 639; general systemic blastomycosis, **xlii**, 779; Hodgkin's disease, **xlii**, 786; ileus due to Meckel's diverticulum, **i**, 1278; left-sided subphrenic abscess, after appendicitis, **xxxvii**, 472; macroglossia, **xliii**, 638; omental grafts, **xxxvii**, 631; pathology, symptomatology, and diagnosis of tuberculosis of the peritoneum, **xxxiv**, 765, 844; postoperative anuria following nephrotomy, **xxxiii**, 342; pseudo-atlanto-axoid dislocation, **xl**, 438; Raynaud's disease, **xliii**, 641; renal tuberculosis—nephrectomy, **xliv**, 626; sarcoma of intestine, **xxxvi**, 460; splenic enlargements and splenectomy, **xxxiv**, 198; spontaneous dislocation of hip-joint during acute infections, **xxvi**, 448; strangulated ovarian cyst simulating appendicitis, **xxxv**, 430; stricture of œsophagus, **xli**, 791; subphrenic abscess, **xliii**, 637; surgical treatment of hemorrhage from gastric ulcer, **xxx**, 393; surgery of kidneys, **xxxvii**, 970; surgery of liver, **xxxv**, 427; syphilis hereditaria tarda, **xli**, 799; tabetic disease of knee-joint, **xliv**, 463; technic of operations upon head and neck, **xliv**, 468; temperature as affected by gall-stones, **xxxv**, 668; traumatic rupture of spleen, **xxxvi**, 468; treatment of peritonitis, **xlii**, 317; tubercular peritonitis, **xliii**, 795; tumor of testis, with metastasis in head of femur, **xli**, 799; ulcer of leg, sequel to thrombophlebitis, **xxxix**, 464.
- EISING EUGENE H.**: Prevesical abscess, **xlvi**, 224.
- Elastic constriction** as a hæmostatic measure, **xvi**, 377.
- Elastic ligature**, gastro-enterostomy supplemented by entero-enterostomy by, **xxxv**, 406; McGraw's, use of, in gastro-enterostomy, **xxxix**, 144.
- Elbow-joint**, ankylosis of, **xxix**, 364; arthroplasty for, **xlvi**, 711; in extension after fracture, **xix**, 236; ten cases of, after treatment of fracture of the lower end of the humerus in the forearm extended, **xviii**, 218; treatment of, **xix**, 753.
- Arthroplasty upon, **xlv**, 297; for tuberculosis of, **xlvi**, 617.
- Arthrotomy for irreducible dislocation of, **xviii**, 666.
- Dislocation of, backward, **xlvi**, 621; complete external, **xxxi**, 595; complicated with rupture of brachial artery, result of, **xiii**, 144; compound, **ii**, 160, **xxxv**, 515; irreducible, **v**, 379; irreducible backward, reduced by arthrotomy, **xxii**, 798; old, **iii**, 530, **vi**, 201; reduction of, **xxix**, 347; old, relieved by arthrotomy, **xli**, 471; unreduced, **xliii**, 780.
- Excision of, **xvii**, 704; for ankylosis following fracture, **xxii**, 114; followed by flail-joint, **xxxvii**, 95; partial, result after, **xlix**, 861; with suture of olecranon to lower end of ulna, **v**, 75.
- Fractures in children, **xxxv**, 75, 242, 365; with rupture of biceps muscle, **xxiv**, 57; treatment of, **xix**, 236, 363, **xxiii**, 332.
- Free bodies in, **viii**, 160.
- Lacerated wound of, **xix**, 91.
- Luxability of, hereditary, **xviii**, 248.
- Neuropathic affections of, **vi**, 90.
- Resection of, **v**, 443, **vi**, 43, **xxx**, 341; cases of, **xxviii**, 255; new method for, **xiv**, 523; and shoulder on the same extremity, **xxx**, 92; for tuberculosis, **xxxvi**, 787; ultimate result of, **xliii**, 438.
- Sprains of, obscure, in young children, **ii**, 91.
- Subluxation of radius at, in young children, **iii**, 530.
- Tuberculosis of, **xviii**, 108; resection of, **xxxiv**, 431, **xlvi**, 454.



**ELDER, JOHN MUNRO:** Endo-aneurismorrhaphy (Matas) in the treatment of traumatic aneurism of the femoral artery, **xlvi**, 261; hour-glass stomach, **xxxv**, 598; "hour-glass stomach"—further case of, **xxxviii**, 593; perforating duodenal ulcer, **xlvi**, 390; primary sarcoma of the peritoneum, **xlvi**, 848; strangulated obturator, **xxxii**, 285.

**Electric burn** of skull and hands, **xxxix**, 434.

**Electric heating-pads**, use of, during operations, **xi**, 152, 154.

**Electricity**, aneurism treated by introduction of catgut or of wire with, **vi**, 307; thermopile and secondary battery for producing, for medical and surgical purposes, **vi**, 248.

Reviews of Books: **Electricity in the Diseases of Women**, by Massey, **x**, 238; **Electricity in Removing Superfluous Hair and Other Facial Blemishes**, by Hayes, **x**, 239; **Medical Electricity**, by Stewart Laurence, **xv**, 418.

**Electro-hæmostasis in Operative Surgery**, by Skene (review of), **xxx**, 778.

**Electrolysis** in the treatment of fibroids, **xviii**, 208; of hemorrhoids and hernia, **ii**, 501; of hydrosalpinx, **ix**, 150; of hypertrophied prostate, **ix**, 347; of parenchymatous goitre, **viii**, 307; of sarcoma, **xxvi**, 196; of urethral stricture, **iii**, 434, **v**, 85, 165, **ix**, 67; of uterine fibroma, **viii**, 383; of uterine fibromyoma, **xxvii**, 353.

**Electrolytic Operations in the Upper Air Passages**, by Kafemar (review of), **x**, 400.

**Electromagnet**, removal of foreign body in bronchus by, **xi**, 358.

**Electropuncture** for aortic aneurism, **xii**, 366.

**Elephantiasis** of the clitoris, **xiii**, 222; of the leg, ligature of popliteal in, **vi**, 68; operative

treatment of, **viii**, 149; of the penis, **xxix**, 169; of scrotum and peritoneum **xxxv**, 815.

**Elevated trunk posture** after operations, apparatus to facilitate, **xliv**, 410.

**ELIOT, ELLSWORTH, JR.:** Abscess of liver, **xxxiv**, 184, 186, 481; anatomy of the gall-bladder and ducts, **xxix**, 759; backward dislocation of elbow with ulnar paralysis, **xlvi**, 622; bladder calculus, **xliv**, 710; border-line tumors of the breast, **xliv**, 559; branchial cysts, **xxx**, 517; buffer accident of knee, **xliv**, 132; cavernous angioma of the neck, **xxxvii**, 284; cholecystotomy, **xxxvi**, 142; correction of deformity following supracondylar fracture of the humerus, **xxx**, 93; correction of nasal bony defects, **xli**, 475; detection of kidney stones by X-ray, **xxxv**, 421; diagnosis of stone in kidney, **xlvi**, 1056; echinococcus of liver, **xxxiii**, 755; enterostomy for paralytic obstruction, **xlvi**, 787; excision of costal cartilage and parietal pleura for recurrent carcinoma of the breast, **xxxvii**, 775; exostosis of shoulder simulating dislocation, **xxxiii**, 53; fibro-osteoma of the humerus, **xlvi**, 808; fracture of humerus, with marked displacement, **xxxiii**, 54; functional results after amputation of the breast, **xlvi**, 436; gangrenous appendicitis obscured by enlarged liver, **xxxvi**, 269; gastro-enterostomy, **xxxix**, 280; gastrostomy for stricture of œsophagus, **xxxix**, 296; hæmaturia, **xlii**, 602; hydronephrosis, **xliii**, 627; interscapulothoracic amputation, **xxxvi**, 139; intestinal obstruction following operation for appendicitis, **xi**, 124; observations upon volvulus, **xxx**, 47, 100; operative treatment of cleft palate, **xliii**, 136; osteoma of palate, **xxxiii**, 766; perforating duo-

denal ulcer, **xlvi**, 463; gastric perforating ulcer, **xxix**, 630; peritonitis with unknown site of infection, **xlvi**, 933; pistol-shot wound of abdomen, **xxxvii**, 284; pistol-shot wound of the lung, **xl**, 554; plastic operation for liberating circumferential scar of arm, **xxxiv**, 182; prolapse of rectum, **xxxii**, 138; question of gastro-enterostomy in ulcers of stomach, **xlvi**, 927; recurrent goitre, **xl**, 131; remarks upon carcinoma of the tongue, **xxiv**, 682; resection of intestine, followed by end-to-end anastomosis, **xl**, 92; result of extirpation of epithelioma of the *alæ nasæ*, **xxx**, 95; separation of upper epiphysis of humerus, with dislocation, **xlvi**, 622, 624; splenectomy for ruptured spleen, **xl**, 111; splenectomy for rupture of spleen with subsequent cholecystectomy, **xlvi**, 436, 440, 444; studies in technic of carcinoma of the breast—operation, **xlvi**, 446; suppurative pericarditis, **xl**, 60, 142; surgical treatment of torticollis, **xxi**, 493; traumatic rupture of intestines, **xxxiv**, 293; treatment of abdominal contusions, **xxxvii**, 109; treatment of epithelioma of the ala of the nose, **xxii**, 695; tubercular peritonitis, **xl**, 269; tubercular tenosynovitis, **xxxiv**, 577; **xxxvi**, 137; tuberculosis of the kidney, **xxxv**, 415; tuberculosis of the testis, **xxxiv**, 574; tumors of the shoulder, **xxx**, 650.

ELLIOT, JOHN W.: Contribution to the surgery of the large intestine, **xxv**, 351; immediate suture of gall-ducts and gall-bladder after extraction of stone, **xxii**, 86; management of certain critical cases of intestinal obstruction, **xl**, 668; operative relief of gangrene of intestine due to occlusion of the mesenteric vessels, **xxi**, 9; report of a

case in which two large fibrinous concretions were removed from the urinary bladder, **xxxix**, 256; surgical treatment of tumor of the liver, **xxvi**, 83.

ELLIS, ALLER G.: Cystic degeneration of mamma, transformation into carcinoma, **xxxviii**, 336; effects upon glandular tissue of exposure to X-rays, **xl**, 460; experimental and histological study of Cargile membrane, **xl**, 787, 801.

ELLSWORTH, R. C.: Tumor of the cauda equina removed by operation, recovery, **xlvi**, 603.

ELSBEBG, C. A.: Aphasia from contrecoup, **xlvi**, 613; craniotomy for tumor of acoustic nerve, **xlvi**, 312; enterotomy and conservative operative methods in the surgical treatment of acute intestinal obstruction, with remarks on the importance of operations in two stages, **xlvi**, 738, 800, 802; extra-dural hemorrhage, **xlvi**, 468; gastro-enterostomy for continued vomiting, **xl**, 249; laparotomies in an infant, three, **xl**, 764; neck incisions and nerve injuries, **xlvi**, 628; plastic operation for congenital dislocation of patella, **xl**, 776; plate for defects of skull, **xlvi**, 795; resection of intestines, **xl**, 252; sarcoma of the humerus, **xlvi**, 468; solitary abscess of the liver, **xlvi**, 217; subphrenic abscesses after appendicitis, **xxxiv**, 729; surgical features in perforation of the intestine in children **xxxviii**, 71; surgical procedure in neurofibroma of acoustic nerve, **xl**, 311; symmetrical adenolipoma of the neck, **xl**, 258; thoracoplasty for sinus after empyema, **xlvi**, 461.

ELTING, ARTHUR W.: Primary carcinoma of the vermiform appendix, **xxxvii**, 540.

ELY, LEONARD W.: Dislocation of the carpal scaphoid, **xxxviii**, 97; dislocation of metatarsal

- bones, **xliv**, 294; fracture of the carpal scaphoid, **xlii**, 260; old fractures of tarsus, **xl**, 69.
- Elytrotomy**, intraligamentous, by Boisleux (review of), **xvi**, 556.
- Embolism**, fatal, after operation for varicose veins, **xli**, 148; fatty, **ix**, 451; occluding pulmonary, **xlvii**, 717; of the pulmonary artery, operative interference in, **xlviii**, 772; relation of poisoning with fibrine ferment to, **liii**, 158; and thrombosis after fractures, death from, **iv**, 261.
- Embryology**, Minot's Text-book of (review of), **xxxiii**, 469.
- Embryoma**, nephrectomy for, **xlix**, 140.
- Embryonal pathology**, infective, experimental researches in, **xx**, 385.
- Emphysema**, **xlviii**, 138; of neck, **viii**, 211; of orbit, **iii**, 417.
- Emphysematous gangrene**, **xxxiii**, 758, 768; of hand, **xix**, 187.
- Empyema** of the antrum of Highmore, **ix**, 140, **xvi**, 389, **xxi**, 335, 612, **l**, 641; operative treatment of, **iv**, 335.
- Cases of, study of seventeen, **xvii**, 410.
- Children, in, after-condition of, **xvi**, 569.
- Drainage-tube for, **xxii**, 119, 120, 121, 122.
- Fistula from, cure of, **vi**, 160.
- Frontal and ethmoid sinus, of, **xliii**, 321.
- Frontal sinus, of, **xii**, 438; operative treatment of, **xxix**, 523.
- Gall-bladder, of, **vii**, 400, **xix**, 244; chronic, **xxxix**, 570.
- Influenza, after, **xvi**, 392.
- Metapneumonic, **xl**, 436.
- Operations and diagnostic punctures after, **xvi**, 392.
- Points for incision in, **x**, 455.
- Sphenoid, of the, **xxxviii**, 137.
- Subphrenic abscess, from, thoracoplasty for sinus after, **xlvii**, 461; of thorax, **xxxiv**, 179; in children, surgery of, **xxix**, 455; chronic treatment of, **xxi**, 721; decortication of lung in, **xxxvi**, 641; De Lorme's operation for, **xxxi**, 617; **xxxvi**, 440; drainage without tubes, **xxxvii**, 952; new method of operating for, **xi**, 123; operative treatment of, **xvii**, 615; resection for, **xxxviii**, 908; Schede's operation for, **xlii**, 782; statistics of twenty-three cases of, **xvii**, 370; thoracentesis for, **iii**, 83, **v**, 358; thoracoplasty for, **vii**, 458, **xxiii**, 602; treatment of, **x**, 122; surgical, **xvi**, 567, **xl**, 373.
- Thoracis, **l**, 158.
- Reviews of Books: Empyema, by Robertson, **ix**, 238; Empyema of the Antrum of Highmore, by Burger, **xxi**, 355; Therapeutics of Empyema, by Ceston, **xxx**, 783.
- Encephalocele**, cases of operation in, **xvi**, 121.
- Enchondroma**, of chest wall, diaphragm involved in, **xxvii**, 724; of head, **vii**, 215; of larynx, **viii**, 135; of shoulder, **ix**, 149.
- Enchondrofibromata**, cystic, by König (review of), **xxviii**, 402.
- Endo-aneurismorrhaphy**, **xlvi**, 358, 366; reconstructive, **xlvii**, 469; in the treatment of traumatic aneurism of the femoral artery, **xlvii**, 261.
- Endocranial hemorrhage**, operative relief of, **xviii**, 416.
- Endocranial sarcoma**, extirpation of, **xviii**, 71.
- Endocranial tumor**, myelogenous, of the skull, **xviii**, 572.
- Endocarditis**, infectious, **xv**, 47.
- Endometritis**, **xxvii**, 143; of clavicle, **xlvii**, 465; chronic, **xlix**, 844.
- Endoscopy** of urethra and bladder, **xi**, 138, 473.
- Endothelioma** of bone, **xlii**, 358; of the carotid gland, **xlv**, 460; of the cauda equina, **xlii**, 279; of the palate, **xlv**, 781; of the testes, **xxx**, 131.
- Endotheliomatous cyst** of the great omentum, **xlviii**, 206.
- Enterectomy**, **vii**, 7, 90; in Bergmann's clinic, **xviii**, 583; and

- enterorrhaphy for strangulated femoral hernia involving only part of circumference of bowel, recovery, **xvii**, 232; for intestinal obstruction, **iv**, 251, **x**, 281; for intussusception, **iii**, 240; for malignant stenosis of ileocaecal valve, **xviii**, 322; for strangulated hernia, **vi**, 168; for traumatic rupture of ileum, successful, **xix**, 732.
- Entero-anastomosis**, gastro-enterostomy combined with, **xxv**, 655; for malignant stenosis of the digestive tract, **xix**, 172; for malignant stenosis, final results of, **xviii**, 669.
- Enterocoele**, partial, **xxix**, 533; **xxxii**, 136, **xxxix**, 258, 297; strangulated through obturator foramen, **xxxix**, 816; treatment of partial strangulated, **xxiv**, 663; vulvar, vaginal, and perineal, **iii**, 178.
- Enterocyst**, **xxii**, 368.
- Entero-enterostomy**, with gastro-enterostomy, **xxix**, 751; by twine triangular stitch, **xli**, 914.
- Enterolith**, **xxx**, 345; causing intestinal obstruction, **xxxvi**, 297; laparotomy for, **xli**, 278; in right iliac fossa, **xliii**, 767.
- Enterorrhaphy**, **vii**, 109, **xxxiii**, 650, **xxxix**, 282; with aid of the O'Hara forceps, **xxxiv**, 441; without buttons, plates, or rings, **xxviii**, 354; circular, for gangrenous hernia, **xix**, 647; circular, by a new method, **xliii**, 81; friability of intestinal walls as an obstacle to, **xli**, 306; in gunshot wounds of intestines, **xvi**, 574; without mechanical accessories, **xxix**, 407; methods of, **xxxv**, 610, 820; pyo-stercoral fistula, caused by, **x**, 76; wounds of intestine, treated by, **xxiii**, 205, 423, 440.
- Enterostenosis** from cirrhotic mesentery, **xvi**, 575.
- Enterostomy**, **xlvi**, 314; for general peritonitis, **xli**, 944; multiple openings for flushing intestinal canal with salt solutions, **xlvi**, 953, 1062; new method for, **xlii**, 623; for paralytic obstruction of bowels, **xlvi**, 787; for relief of the intestinal paralysis of peritonitis, **xxix**, 1, 115; in surgical treatment of acute intestinal obstruction, **xlvi**, 738, 798.
- Enuresis**, Gersuny's operation for cure of, **xlvi**, 792; nocturnal, in children, **xi**, 65; paralytica, device for, **xxix**, 627.
- Epidermis**, abnormal formation of, **ix**, 356.
- Epididymectomy** for tuberculosis, **xli**, 780.
- Epididymis**, fibroma of, **vi**, 185; resection of, for tuberculosis, **xxx**, 649; removal of both testicles for carcinoma of, **viii**, 446; tuberculosis of, **v**, 430, **xlix**, 800.
- Epididymitis**, acute gonorrhoeal, operative treatment of, **xlvi**, 876; gonorrhoeal, treated with clay, **i**, 372; syphilitic, early, **ii**, 332; syphilitic, tertiary, **xxv**, 306; treatment by oil of sandal wood, **ii**, 386; treatment by bismuth subnitrate, **ii**, 510; tuberculosis, **xvii**, 430.
- Epidural hemorrhage**, traumatic, **xlvi**, 122.
- Epigastric hernia**, non-strangulated, operation, **v**, 374.
- Epilepsy**, brain localization in, improved method of, **xix**, 212. Cessation after trephining and typhoid fever, **xix**, 616. Conditions of cure, **xxxi**, 657. Focal, specially prepared celluloid plate used after trephining, **xxxvi**, 265; surgical treatment of, **xxv**, 209. Jacksonian, extirpation of motor centre of arm for, **xxvi**, 228; and focal, operative treatment of, **xxiv**, 122; following depressed fractures of the skull treated by trephining, **xvii**, 329, 332; non-traumatic, surgical treatment of, **xxxviii**, 898; relieved by trephining, **xvi**, 409; trephining for, **xi**, 358. Old fracture of skull, from, **iv**, 71.

- Stasis cyanosis in, simulating traumatic asphyxia, **xlix**, 762, 877.
- Traumatic, **xlvi**, 617; excision of diseased cortical tissue for, **xxv**, 91; extirpation of motor centre of arm for, **xxvi**, 234; operation for, **xxv**, 737; osteoplastic resection of the cranium for, **xv**, 468, **xxxi**, 364; relieved by trephining, **xxi**, 316; trephining for, **xi**, 115, 351, **xviii**, 71, **xxvii**, 670, 770, **xxviii**, 131, **xxxviii**, 783.
- Treatment of, by cervical sympathectomy, **xxx**, 121; by ligation of vertebral arteries, **x**, 190.
- Trephining for, **xvii**, 91; **xix**, 544, **xxx**, 324, **xxxi**, 497, **xlix**, 707; followed by cortical abscess of brain, **xxx**, 326; relieved by, **xiv**, 406, 407, 408, 409; results of, **xlii**, 937; and subdural implantation of rubber tissue, **xxv**, 95.
- Epileptoid attacks**, operation for, **xv**, 468.
- Epiphyseal break** of the tibia, symmetrical inflammation of, **xli**, 278.
- Epiphyseal cartilage**, changes in, after articulation, **xii**, 449; of long bones, compensating hypertrophy of, after removal of its fellow, **xi**, 72.
- Epiphyseal displacements** and fractures of the upper extremity of the humerus, **xlvi**, 706.
- Epiphyseal infection**, septic, resections of hip-joint on account of, **xii**, 258.
- Epiphyseal separation** of great trochanter, **xliii**, 754.
- Epiphysis** (see also Child) of femur, separation of lower, **ix**, 107; **xviii**, 1, **xxviii**, 664, **xxxv**, 662; operation for, **xliii**, 615; pathological, **xxi**, 157.
- Humerus, of, separation of upper, **ix**, 153.
- Lower extremity, of the, traumatic separation of, **xix**, 289.
- Radius, of the, effects of traumatic separation upon longitudinal growth, **xii**, 458.
- Skiagraph study of the normal membral, **xxxii**, 621.
- Surgery of, **ii**, 157.
- Tibia, of the, compound separation of lower, **v**, 170.
- Review of Book: Traumatic Separation of the Epiphysis, by Poland, **xxxii**, 147.
- Epiplopexy** in cirrhosis of the liver with ascites, **xxxv**, 303.
- Epispadias**, operative treatment of, **xxii**, 689; operative treatment of, **xxv**, 370; treatment of, in the male, **xix**, 111.
- Epistaxis**, otitis from tamponade in, **viii**, 126.
- Epithelial cyst**, congenital, of the neck, **xxii**, 132; traumatic, **xlvi**, 190; traumatic, of the hand or fingers, **xxvi**, 732.
- Epithelioma**, **v**, 67; of the ala of the nose, treatment of, **xxii**, 695; of cæcum, excision, **ii**, 81; calcifying, **xxv**, 513; of cheek, excision and plastic operation, **xxxix**, 812; conveyed by contact, **xvii**, 369; external ear, removed for, **xxix**, 49; excision of half of the lower jaw and half of the tongue for, **xlvi**, 306; of frontal sinus, **xx**, 416; of the heel, operation for, **xliii**, 609.
- Larynx, of, **v**, 357; partial excision for, **v**, 540; thyrotomy for, **vi**, 254; total extirpation of, **ix**, 141.
- Lip, of, **xxxi**, 628; pyoktanin in, **xvi**, 87; removed by Regnier's method, **xxii**, 265, 266; simultaneous with epithelioma of the penis, **xvi**, 461.
- Multiple, case of, **xix**, 609.
- Orbit, of, treated by X-rays, **xxxvi**, 452.
- Palate and fauces, of, **xlvi**, 128.
- Penis, of, **vi**, 31, **xlvi**, 890.
- Tongue, of, **iii**, 523; excision of, **xliii**, 436; and floor of mouth, **i**, 280; and mouth, **xxxi**, 243.
- Epithelium**, ciliated cysts containing, **iii**, 96.
- Epulides**, **vii**, 215.
- Equinovarus**, advanced conditions of, treatment of, **viii**, 395; anatomy of congenital, **xvii**, 293; congenital, **xxvii**, 430; extreme, **xli**, 949; talipes, **ix**, 101.



**Erasion for carbuncles**, viii, 301; of knee-joint, viii, 115, x, 401.

**ERDMANN, JOHN F.**: Abscess of liver, of traumatic origin, xxxvii, 272; accidents in hernia operations, xlix, 208, 263; acute hemorrhagic pancreatitis, xlix, 248; acute intestinal obstruction from strangulation of Meckel's diverticulum, xlv, 311, 312; acute intussusception, xxxv, 411; acute pancreatitis with cholelithiasis, xliii, 144; adenolipomatose symétrique, xxxvii, 932; black vomit after operations on appendix, xxxviii, 108; carcinoma of intestines and peritoneum in a youth of nineteen, xxxii, 608; carcinoma of the male breast, xxxi, 742, xlviii, 465; cardiospasm, with report of an operative case, xliii, 224, 928; cases of ureteral calculus, xlii, 456; cholecystotomy for pancreatitis, xlv, 959; compound depressed fracture of the skull, xxx, 342; congenital hydronephrosis, xliii, 929; congenital lumbar hernia through the triangle of Petit, xlv, 301; ectopic pregnancy, xxxiii, 640; enterolith, xxx, 345; erysipelas and *Bacillus prodigiosus* toxins in the treatment of sarcoma, xl, 268, 1019; excision of colon, xlix, 253; excision of Gasserian ganglion, xxxvi, 957; fracture of the patella, xxxiii, 488; gangrenous intestine in ventral hernia, xxxiv, 298; gastro-enterostomy, xxxix, 594; gastro-enterostomy with the Roosevelt clamp, xlv, 958; hydronephrosis due to abnormal implantation of ureter, xlix, 256; intestinal obstruction due to intussusception, xxxi, 180, 251; intestinal resection, postoperative obstruction, repeated resection with final recovery, xl, 584; intestinal strangulation by Meckel's diverticulum, xxxii, 709; intussusception,

xlvi, 313; laceration of superior longitudinal sinus, xxxvii, 607; lesions associated with gunshot wounds of the stomach, xlv, 779; ligation of the third portion of the subclavian artery for aneurismal varix, xxix, 618; loose cartilage in knee, xxxvii, 606; multiple fracture of patella, xxxii, 708; multiple septic infarcts of right kidney, with nephrectomy, xlv, 622; multiple vesical calculi, xxxi, 743; observations on the treatment of fracture of the neck of the femur, xlvii, 119; operation for ankylosis at the shoulder joint, xlvii, 118; operation for nonunion of radius, xxxi, 737; operative reduction of irreducible dislocation of shoulder, xxxviii, 449, xxxix, 591; papilloma of larynx and trachea, xl, 1014; papillomata of bladder, xlviii, 305; perforating gunshot wound of the abdomen, xxxiv, 832; perforating ulcer of the duodenum, xxx, 236; perforating ulcer of the pylorus, xl, 266; perforating ulcer of the stomach, xxxvii, 928, xlv, 772; peritonitis in children with unknown site of infection, xlviii, 934; postoperative intestinal obstruction, xl, 598; primary typhlitis, without appendicitis, xlv, 964; primary typhoidal perforation of gall-bladder, xxxvii, 878, 935; prostatectomy, xlix, 255; reamputation of lower end of leg for exostosis in a previous Bier amputation, xlviii, 624; rupture of spleen, xlii, 470; sarcoma of the ovary in a child, xlviii, 619; statistical report of seven hundred and three major amputations from the records of eight hospitals of New York City, xxii, 358; strangulation of bowel operated on under spinal anæsthesia, xxxiii,

- 203; suppurative arthritis of the knee-joint, **xxxii**, 144; suprapubic prostatectomy, **xlvi**, 624; thyroglossal dermoid, **xxxvii**, 97; thyroid medication for delayed union of fractures, **xxx**, 743; torsion of uterus, **xxxix**, 817; treatment of undescended or maldescended testis, **xlvi**, 469; tumor of the shoulder, **xxx**, 650; ureteral calculus in a child, **i**, 697; use of tracheal cannula after laryngectomy, **xl**, 962; Volkmann's ischæmic paralysis, **xlvi**, 452; vulvulus, **xl**, 591.
- Erosion** of carotid artery, with hemorrhage from external auditory meatus, **i**, 559.
- Errors**, surgical, **ix**, 79.
- Eruptions**, iodoform and skin, **vii**, 204.
- Erysipelas**, **xv**, 40; bacteriology of, **iii**, 402; clinical observations on, **v**, 137; contagiousness of, researches on, **xxxii**, 727; of face, **viii**, 300; of pharynx, **xii**, 226; reabsorption of callus in fractured thigh bone from, **v**, 437.
- Treatment of, **iii**, 410, **v**, 48; by ichthyol, **vi**, 140; by Kraske-Riedel, **x**, 180.
- Erysipelas toxins** in carcinoma, effect of in, **xviii**, 68, **xix**, 696.
- Hodgkin's disease treated with mixed, **xlvi**, 127.
- Malignant tumors, in, curative effect of, **x**, 146, **xiv**, 210, **xxiv**, 44, 53, 501, **xxv**, 514.
- Sarcoma, in, **xxv**, 174, **xxviii**, 244; of the abdominal wall, **xxvi**, 232; cases successfully treated, **xlvi**, 455, 807; with toxins of *Bacillus prodigiosus*, **xxx**, 510; **xxxv**, 421; spindle-celled, of the sternum, with *Bacillus prodigiosus* toxins, **xlvi**, 805; with X-rays, **xli**, 770, 771.
- Syphilitic lesions, in, influence of, **viii**, 63.
- Erysipeloid** and its etiology, **vi**, 444.
- Erythema nodosum**, **xv**, 48.
- ESCHER, DR.**: Bassini's method for radical cure of hernia, **xv**, 484.
- ESHNER, AUGUSTUS A.**: Leontiasis, **xxiii**, 311.
- Esmarch bandage**, control of oozing after use of, **xxxiv**, 838; paralyzing radial and ulnar nerves, **ix**, 76.
- ESTES, WILLIAM L.**: Myofibroma of the large intestine, **xliv**, 249.
- Estlander's operation**, **i**, 163, **vii**, 458; cure of old thoracic fistula by, **vi**, 160.
- Ether**, administration of, **ix**, 317; best method of, **vi**, 214;
- Anæsthesia, abuses of, **x**, 258; clinical notes on, **xx**, 676; dangers of, **vi**, 141, 142; dangers and disagreeable symptoms of, how to prevent, **xxviii**, 472, 523; death from, **xxv**, 183; deaths from, in 1884, **ii**, 409; deaths from, in 1885, **iii**, 512; death under partial, **v**, 346; effect of, upon the blood, **xxxiv**, 329; effect of, on blood-pressure, **xxxvi**, 302.
- Chloroform and, narcosis, **xii**, 271; which, to use, **vi**, 327.
- Inhaler**, **xl**, 780; contagion through the use of, **vi**, 137.
- Irrigations** in strangulated hernia, **x**, 140, 141.
- Narcosis**, **x**, 256; acute œdema of the lungs, secondary to, **xl**, 15; atropine as a remedy in, **ii**, 259.
- Solution of corrosive sublimate for sterilization of catgut by maceration, **xix**, 591.
- Ethmoid sinus**, empyema of, **xl**, 321.
- Ethmoidal inferior turbinate bone**, anatomy of, **xxxviii**, 233.
- Ethyl bromide narcosis**, **xii**, 351, **xv**, 312.
- Ethyl chloride** as a general anæsthetic in the Pennsylvania Hospital, **xl**, 641, 795.
- Etiology** of malignant tumors, **ii**, 450.
- Eucaïne anæsthesia**, laryngectomy under, **xxxiii**, 32; local, **xxix**, 777.

- EVANS, EDWARD: Punctured wounds of the bladder, **xlii**, 215.
- EVANS, HERBERT M.: Parathyroid glandules, their blood supply and their preservation in operation upon the thyroid gland, **xlvi**, 489.
- EVANS, WILLIAM A.: Enlarged spleen, **xxxiv**, 196.
- EVE, F. S.: Notes on surgical questions discussed at Paris Congress on Tuberculosis, **x**, 67.
- EWING, JAMES: Delayed chloroform poisoning, **xlx**, 422.
- Exarticulations at Erlangen**, **ii**, 257.
- Excision of ankle-joint**, **ii**, 166; of astragalus, **ii**, 167; of colon, **vii**, 103; *vs.* drainage of joints, **viii**, 396; of elbow, **xvii**, 704; of elbow-joint, for ankylosis following fracture, **xxii**, 114; of fibro-sarcoma of abdominal wall, **ii**, 76; of head of femur, **ii**, 164; of hip, **iii**, 8; **iv**, 51, 450; of hip, new method for, **vi**, 145; of joints after gunshot wounds, indications for, **v**, 326; of joint for infantile paralysis, **iii**, 101; of kidney, **ii**, 85, 425; of the knee-joint, **iv**, 364, 427; of the larynx, **iv**, 397, 434; of parietal peritoneum, large piece of, **ii**, 76; of shoulder-joint, for chronic disease, **iv**, 270; of tarsal bone, **iii**, 206; **iv**, 293; of tarsus, partial, **ii**, 412; of tarsus and portion of metatarsus, **xvii**, 104; of tongue, **ii**, 359; of the wrist, **xxxiii**, 58.
- Exomphalos**, operations for, **ii**, 258.
- Exophthalmic goitre**, **xxxv**, 288; in a dog, **xlvi**, 541; thyroidec-tomy for, **xlii**, 33; operative treatment of, **xxxvi**, 397; permanent results from the operative treatment of, **xlii**, 994; psychic factor in surgical aspects of, **xlvi**, 864, 1061; surgical treatment of, **xxxviii**, 161, 202; surgical treatment of, the results of, **xliii**, 335; thyroid serum in the treatment of, **xlvi**, 789.
- Exophthalmos** due to traumatic aneurism of the internal carotid artery, **xxxix**, 649.
- Pulsating, following fracture of the base of the skull, **xviii**, 234; traumatic aneurism of the carotis interna cerebialis with, **xlvi**, 928; treatment of, **xxxix**, 421, 435.
- Exostosis**, amputation of lower end of leg for, **xlvi**, 624; bursal, **iv**, 77, **ix**, 112, **xv**, 400; congenital symmetrical, **iv**, 362; of femur, bursal, **xl**, 413; of fibula, club-foot due to, **xix**, 679; of knee, intra-articular, **viii**, 458; multiple, **xvi**, 251; multiple, including an exostosis within the spinal canal, **xlvi**, 608.
- Expert examination and testimony in railway cases**, **xvii**, 41.
- Exploratory incision in abdominal tumors**, **ii**, 418; laparotomy, **iii**, 245, 345; nephro-tomy, **iii**, 172; operation in cervical vertebrae, **iii**, 490.
- Exsection of bones in continuity preparatory to secondary suture of tendons and nerves**, **i**, 484; of humerus, upper portion, ultimate results of, **vii**, 431; of knee-joint, **xv**, 431; partial, of tarsus, **ii**, 412; of temporomaxillary joints for true ankylosis, **v**, 141 (see **Excision**).
- Exstrophy of bladder**, **vii**, 306, **xxxi**, 720, **xli**, 463; modified Maydl's operation for relief of, **xxxviii**, 763; operative treatment of, **xxxiv**, 25; plastic operations for, **xlii**, 924; retrovesical anastomosis for, **xxxvii**, 290.
- Extension apparatus for the application of plaster bandages to the lower extremities and the pelvis**, **xx**, 617.
- External iliac arteries**, simultaneous ligation of both, **xlvi**, 872.

**Extra-uterine pregnancy**, vi, 93, 94, 95, 281, ix, 151, 472, xxxiii, 640; and hemorrhage, xx, 705; laparotomy for, iv, 458, 459, viii, 71, xxi, 63; operation for, followed by pulmonary thrombosis, xli, 147; prognosis and treatment of, German statistics in, xv, 502; ruptured, during typhoid fever, xlvi, 321; specimen removed after thirteen years, xxxix, 464; terminating in suppurating hæmatocele, treatment of, xxxiv, 159, 442.

Reviews of Books: Discussion of Society of American Obstetricians and Gynæcologists on Extra-uterine Pregnancy, x, 398; Extra-uterine Pregnancy, by Strahan, x, 398; Extra-uterine Pregnancy and Pelvic Hæmatocele, by Tait, x, 395.

**Extravasation** of blood, discoloration of skin after, iii, 408.

**Extirpation** of thyroid, iii, 165; of uterus, iii, 177, 359, 444; of uterus, present status of operation for, ii, 486.

**Extradural hemorrhage**, xlvi, 468; with fractured skull, xlviii, 125; from rupture of middle meningeal artery, xxxvii, 341.

**Extreme equinovarus**, xli, 949.

**Extremity** or **extremities**, arterial ligation after occlusion of a vein at the root of, iii, 105; carcinoma of, primary, x, 171; fractures of the lower, ambulant treatment of, xxi, 187; gunshot wounds of, xlv, 746; injuries of the lower, xxi, 726; severe injuries of, treatment of, xviii, 470.

Reviews of Books: Guide to the Treatment of Fractures and Dislocations of the Extremities by Means of Extension, by Bardenheuer, xiii, 479; Injuries of the Upper Extremities, by Bardenheuer, iv, 284, 290, ix, 78; Inter-scapulothoracic Amputation

of the Upper Extremity, by Berger, vi, 361; Surgical Anatomy of Upper Extremity, by Schüller, iv, 284, 291.

**Extroversion of bladder**, viii, 46; congenital, iii, 168, 169.

**Eye**, cocaine in surgery of, iii, 61; emphysema about, iii, 417; enucleation with transplantation and reimplantation, iv, 172; globe of, conditions demanding excision of, xvi, 211; incision of for traumatic intracapsular hemorrhage, vi, 501; perforation of, by knot of a whip, ix, 294; transplantation of rabbit's conjunctiva to the human, xi, 375; transplantation of rabbit's, to human orbit, ii, 505.

Reviews of Books: Disease of the Eye, by De Schweinitz, xvi, 499; Diseases of the Eye, by Fox, xxxix, 829; Diseases of the Eye, Ear, Nose, and Throat, by Miller, McEvoy, and Weeks, xix, 128; Eye as an Aid in General Diagnosis, by Linnell, xxvi, 525; Eye Injuries and their Treatment, by Ramsay, xlvii, 159; Eye Strain, in Health and Disease, by Ranney, xxvi, 526; Functional Examination of the Eye, by Claiborne, xxiii, 635; Injuries and Diseases of Eyes and Appendages, by Williams, i, 383; Treatise of Diseases of the Eye, Ear, Nose, and Throat, xxxvi, 316.

**Eyeball**, deaths following enucleation of, i, 575; evisceration of, vii, 286; meningitis following enucleation of, xv, 475; partial resection of, xxvii, 640.

**Eyelid**, plastic operation for restoration of, xxv, 476; plastic restoration of the lower, xxxv, 514; plastic reconstruction of upper, and of eyebrow, from the tissues of the scalp, xlv, 790.

## F

**Face**, angioma of, **xliii**, 453; angioma, cavernous, **xxxvi**, 268, 292; bones of, total resection of, **xi**, 376; carcinoma of, **vi**, 77, **ix**, 146; defects of, covered by a skin-flap from the scalp with a permanent buried vascular pedicle, **xvii**, 677; deformity of, from burn, **xxviii**, 138; deformity after carcinoma, operation relieved by prothetic appliance, **xix**, 240; epithelioma of skin of, with unusual courses of lymphatic transmission, **xxvii**, 193; erysipelas of, **viii**, 300; gunshot wound of, **xxxix**, 104; jaw, and lip, clefts of, **i**, 578; lymphangioma cavernosum of, **xxix**, 257; partial resection of the upper and lower maxillæ, for congenital deformity of, **xlvi**, 278; plastic of, **xxxiv**, 837; plastic of, extensive, **xlii**, 313; plastic operation for deformity of, **xxxiii**, 764.

Reviews of Books: Diseases of Face, Mouth, and Jaws, by Horace Grant, **xxxvii**, 158; Face and Foot Deformities, by Churchill, **ii**, 347; Injuries and Diseases of the Face, Cheeks, and Lips, by Post, **i**, 389; Injuries and Surgical Diseases of the Face, by Trendelenburg, **iv**, 283, 288; Manual on the Surgery of the Face, by Terrier, **xxv**, 794.

**Facial nerve**, stretching of, **i**, 577; **iv**, 1; for trigeminal neuralgia, **xviii**, 466.

**Facial neuralgia**, intracranial, treated by neurectomy, **xi**, 264; operative treatment of, **iii**, 236, 269; treated by alcoholic injections, **xlvi**, 783.

**Facial neuroplastic**, **xliv**, 755.

**Facial paralysis**, affections of hearing in, **i**, 279; possibility of operative relief of certain forms, **xxxvii**, 660; in tetanus hydrophobicus, **xv**, 386; treat-

ment by nerve anastomosis, **xxxvii**, 641; treatment by nerve transplantation, **xxxviii**, 901.

**FAGGE**, CHARLES H.: Intussusception in children treated by laparotomy, cases of, **xli**, 407.

**FAIRCHILD**, D. L.: Anuria, **xxxvii**, 626; surgery of the kidney, **xxxvii**, 963.

**Fallopian tube**, electrolysis in, dropsy of, **ix**, 150; fimbriated extremity of, strangulated in sac of femoral hernia, **xl**, 154; hernia of, **xxxiii**, 247; hernia of obturator, **xxiv**, 797; hernia of, strangulated, **xix**, 618; laparotomy for removal of, **v**, 172; removal of, **vi**, 41; removal of, with ovaries, **iii**, 102, 241; pregnancy at, **ix**, 151; tuberculosis of, **xxviii**, 468.

**FARIES**, RANDOLPH: Administration of anæsthetics, **xxviii**, 282; brace for treatment of Pott's disease, **xxv**, 182; diagnosis of abdominal tumors, **xxv**, 489; diagnosis in cases of atypical appendicitis, **xxviii**, 140; dislocations of the semilunar cartilages of the knee-joint, **xxviii**, 537; lateral curvature of the spine in a cured case of Pott's disease, **xxvii**, 209; case of strangulated inguinal hernia in an infant, **xxv**, 487; uraniscoplasty, **xxvii**, 374.

**Faschiæ** of the neck, **iv**, 229.

**Fat**, large accumulation of, in tunica vaginalis, **iii**, 365.

Necrosis of the pancreas, **xxxii**, 733.

**Fatty embolism**, **ix**, 451; after orthopædic operations, **xxxi**, 666.

**Fatty tumors** of the knee-joint, **iv**, 359.

**Fauces** and palate, epithelioma of, **xlvi**, 128; surgical treatment of malignant tumors of, **iv**, 388.



**FEBIZET:** Treatment of rectovaginal fistula, **xv**, 497.

**Fecal current,** mechanical obstruction of, as a cause of ileus, **xxxiii**, 449.

**Fecal fistula** cured by intestinal anastomosis, **x**, 283; extraperitoneal closure of persistent, **xlvi**, 827; following appendiceal abscess, **xlvi**, 838; following gunshot wound, **xxxiv**, 424; incomplete and complete exclusion of gut for, **xxv**, 475; relieved by exclusion of segment of intestine, **xxvii**, 537; resection of ileocaecal junction for, **xlvi**, 600; of small intestine following operation for appendicitis, **xxiv**, 726; treatment of, **xxv**, 475; treatment of, by partial exclusion of intestine, **xxviii**, 383.

**Fecal impaction,** intestinal obstruction caused by, treated by division of the anus and introduction of hand, **vi**, 515.

**Fecal vomit,** drowning of patients in, **xxvii**, 862.

**Feeding** after surgical operations, **v**, 255.

**Felon,** treatment of without excision, **vii**, 208.

**Female generative organs,** diseases of, **xxvii**, 129, 333, 491.

**Female valgus,** spurious, **iii**, 355.

**Femora,** inequalities of the right and left, **i**, 313.

**Femoral artery,** aneurism of, **xxix**, 357; endo-aneurismorrhaphy (Matas) in the treatment of traumatic, **xlvi**, 261; false, **xlvi**, 464; traumatic of, **iv**, 333.

Contusion of, **iii**, 512.

Gangrene of leg following ligature of, **v**, 86.

Perforated by osteophyte, **xlvi**, 427.

Superficial, excision of traumatic aneurism of, **xxix**, 605; ligation of, for hemorrhage from wound during reaction, **xix**, 242.

Suture of, **xlvi**, 126, 618.

Vein, and, suture of stab wound of, **xlvi**, 394; wound of, **i**, 167.

Vessels, and nerve in extirpation of tumors of Scarpa's triangle, **iv**, 274.

**Femoral epiphysis,** separation of lower, **xlvi**, 615.

**Femoral hernia,** appendicular, **xlvi**, 669; cure of, **xlvi**, 209; gangrenous strangulated, complicated by suppurating adenitis, **xlvi**, 476; obscure case of, **v**, 159; operation for, **xlvi**, 775; radical cure of, **xvii**, 618; **xxxix**, 927, 1015, **xlvi**, 519, **xlvi**, 442; treatment of, in women, **xv**, 327.

**Femoral neck,** flexures of, in adolescence, **x**, 150.

**Femoral shaft,** operative treatment of recent fractures of, **xlvi**, 420.

**Femoral veins,** ligature of, **ix**, 76; ligature of common, **iii**, 411; suture of wound of, **v**, 159; wound of, beneath Poupart's ligament, **xii**, 215.

**Femoral vessels,** aneurism of, arteriovenous, **xxxi**, 753; aneurism of, supposed arteriovenous, **xiv**, 400.

**Femur,** acute periostitis of, in children, **xiii**, 443.

Curvature of neck of, **xvi**, 281, **xxi**, 243; **xxviii**, 21; in adolescence in, **ix**, 271.

Dislocation of, backward, reduction by Guermontprez's method, **xii**, 453; consecutive to typhoid fever, **xxiii**, 212; excision of head of in, **ii**, 164, 513; of head of, **v**, 169; of head of, operative, in certain cases of hip disease, **xxxvi**, 579; at hip, with fracture of neck, **xxiii**, 207; spontaneous, in acute infectious diseases, **iii**, 257.

Displacements, old, of the upper end of, and their treatment, **xx**, 27, 80, 621, 736.

Exostosis bursata of, **xl**, 413.

Forearm, and, gunshot fracture of, **xlvi**, 970.

Fracture of, **xlvi**, 612; in babies, treatment of, **xxvi**, 368, 480; at base of neck, disability and deformity after, **xxviii**, 139; in children, treatment of,

xli, 454, xlv, 118; in children, frame for suspension treatment of, xlix, 105; complicated with sacro-iliac dislocation, i, 463; conservative treatment of, xlviii, 748, 790; epiphyseal, of the neck of, xlvii, 118; in infancy and childhood, treatment of, xlii, 257; in infants during delivery, xxxiii, 775; in infants, Van Ardsdale's splint for, xlii, 801; of internal condyle of, xxxiii, 787; intracapsular, treated by screw fixture, xlii, 282; intracapsular, treatment of, xxiv, 27, 64; of lower end of, with vicious union, xl, 1022; of middle third of, xxxvi, 607; nailing the fragments together, xxix, 623; of the neck of, xvi, 60; xlvii, 118; xlviii, 447; of neck of, in adults, operative treatment, xlviii, 729; of neck, in childhood, xxv, 673; of the neck of, in early life, xxxi, 145, 258; of neck of, new method of treatment for, xxxvi, 746, 789; of the neck of, observations on the treatment of, xlvii, 84, 118; of the neck of, treated by arthrotomy, xxix, 622; of the neck of, treatment of, xxxiv, 61; of neck of, united, union by open operation, xl, 561, 606; in the newborn infant, xviii, 471; old, ununited, intracapsular, treated by nail fixation, xviii, 30, 125; opening into the knee-joint, xlvii, 630; pathological, xl, 121; portable traction apparatus for treating, xlix, 107; reabsorption of callus in, from erysipelas, v, 437; recent intracapsular, treated by nailing, xlvii, 469; spontaneous refracture of, healed, xxxix, 105; treatment of, xxvii, 594; xlvii, 1037; ununited, vi, 48; suture of, xxviii, 300.

Myelitis, acute infectious, of the upper end of, xv, 490.

Neck of the femur, operative treatment of fracture of the, i, 806.

Necrosis of lower end of, vi, 43; osteoplastic operation for, v, 553; vi, 83.

Osteomyelitis of, diffuse, treatment by demedullization, xxiii, 427.

Osteotomy of, for ankylosis of the hip, xlix, 873; of upper end of, ii, 169, 170.

Pelvis, and, fracture of, xlv, 969.

Pseudarthrosis of, ix, 155.

Removal of bullet from, xxxi, 745.

Sarcoma of, xxxvii, 100; amputation through trochanter minor without recurrence five years after, xvi, 175; complicating fracture, xvi, 175; hip-joint amputation for, xxix, 110, xlii, 311; recovery by injection of mixed toxins, xxxvii, 435; treated by mixed toxins, xlv, 130; in a young child, xxvii, 594.

Separation of cases of epiphysis of, treated by operation, xxiii, 444, 501, xxiii, 506, 606.

Separation of epiphysis of lower, ix, 107, xviii, i, xxviii, 664, xxxv, 662; pathological, xxi, 157.

Tuberculosis of, exarticulation of hip for, xxxv, 813.

FENDER, CHRISTIAN: Adenocarcinoma of stomach, xxxv, 834; chronic peri-uterine abscess and its treatment by laparotomy, i, 393; click of polished bone-surfaces in the diagnosis of osteotuberculosis of joints with large sequestra, xxii, 807; conservative kidney surgery, xxii, 804; conservative operations for renal retention, xxxiii, 369; conservative operative treatment of kidney, sacculated, xxiii, 637; diagnosis of renal calculi, xxxiii, 347; hæmostasis of the broad ligament, xxxv, 829; ileus, xxxiii, 494; loop around the hyoid bone as an aid in narcosis, xxxiii, 673; the other kidney in contemplated nephrectomy, xxx, 385; the question of priority in cholechoolithotomy, xxviii, 155;

- sarcoma of mesentery, **xxxv**, 835; splenic enlargement and splenectomy, **xxxiv**, 197; surgery of the bile-duct, **xxvii**, 697; surgery of the ureter, **xx**, 257; technic of choledocholithotomy, **xxiv**, 761; traumatic aneurism of the palate, **xxxiii**, 342; treatment of tuberculosis of the peritoneum, **xxxiv**, 771, 845; tuberculosis of ileocaecal region, **xxxiv**, 207.
- FENNER, ERASMUS DARWIN: Apparatus to facilitate application of plasterjackets during spinal hyperextension, **xxxvii**, 92; cases of penetrating wounds of the abdomen, submitted to abdominal section, **xxxv**, 15.
- FENWICK, H., Case of gastrotomy, **i**, 342.
- FERGUSON, ALEXANDER HUGH: Acute postoperative dilatation of stomach, **xlili**, 470; brain tumors, **xli**, 794; contribution to the surgery of cleft palate, **xxxvi**, 560; cruroscrotal hernia, **xliv**, 98; diagnosis of renal calculi, **xxxiii**, 346; end-to-end anastomosis of popliteal artery for gunshot injury, **xxxvii**, 719; hal-lux valgus, **xlili**, 468; inguinal and femoral hernia, radical cure of, by operation, **xxi**, 547; ischaemic muscular atrophy, contractures, and paralysis, **xlili**, 509; metastatic renal abscesses, **xii**, 793; rupture of the spleen, **xxxvi**, 465; symptomatology of gall-stones, **xxxv**, 667; technic of intestinal anastomosis, **xxxiv**, 840; treatment of fractures of the neck of the femur, **xl**, 609; treatment of peritonitis, **xlili**, 318; urethral surgery, **xxxvi**, 463; visceral pleurectomy, **i**, 351.
- Fermentation, **v**, 254.
- Fever, stenosis of larynx, after typhoid, **iv**, 336; urethral, **iv**, 20; urinary urethral, or catheter, **xii**, 72.
- Fibrine ferment, poisoning with, **iii**, 158.
- Fibrinous tumor, peculiar form of, **i**, 423.
- Fibrinous vesical concretions, removed by cystotomy, **xxxix**, 256.
- Fibro-adenoma of the breast, **xlili**, 940; of the rectum, produced by the eggs and embryos of *Distomium hamatobium*, **iv**, 352.
- Fibro-angioma situated beneath extensor quadriceps of the leg, **xxxiii**, 431, 487.
- Fibrocystic and fibrous tumors, total ablation of uterus for, **xvi**, 474.
- Fibroid tumor of the cervix uteri, Caesarean section on account of, **iii**, 443; cystic, of the labium, complicated by pregnancy, **iv**, 457; sessile cervical, removed by abdominal sections, **iii**, 361; of the skin, **iv**, 358; of the uterus, **xvi**, 74; of uterus, with papilloma of ovary, **xxii**, 268; of uterus, pelvic abscess simulating soft, **iv**, 455.
- Fibrolipoma of jaw and neck, **xlili**, 500; retroperitoneal, **xxvii**, 657; of synovial folds of the knee-joint, **xlvi**, 787.
- Fibroma of the abdominal walls, **iv**, 360; arborescens, of joints, **xviii**, 674; of epididymis, **vi**, 185; of head, **vii**, 215; molluscum, diffused multiple, **xlili**, 782; myo-, of the uterus, castration in, **ix**, 370; of nose, **v**, 502; of ovary, **xxxvii**, 468; of palmaris longus, **viii**, 59; subperitoneal pelvic, **xli**, 823; uterine, electrolysis of, **viii**, 383; of uterus, **xxxvii**, 470; of vocal cord, **v**, 144.
- Fibromyoma, primary, of the broad ligaments, **xlvi**, 854; of uterus, means of inducing atrophy of, without removal, **xix**, 756; of uterus, removal by morcellation, **xix**, 758; of uterus, treatment of, **xxvii**, 350.
- Fibro-osteoma of the humerus, **lxvii**, 808.
- Fibrous and fibrocystic tumors,

- total ablation of uterus for, **xvi**, 474.
- Fibroplastic**, white swelling of the knee, **xvii**, 109.
- Fibrosarcoma** of the abdominal walls, **iv**, 360; excision of, **ii**, 76.
- Fibrosarcomatous tumors**, **iv**, 549.
- Fibula**, dislocation of head of, **viii**, 221; simple, **iv**, 84.
- Excision of, remote effects of, **xxiv**, 634; for sarcoma, **xxvii**, 741; in a subject of interstitial nephritis, **xxiv**, 379.
- Fracture of, compound, **iii**, 101; isolated, of the head of, **xxiii**, 242; operation for badly united, **ii**, 63; with separation of lower epiphysis of tibia, **v**, 170; spontaneous, of, **xliv**, 636.
- Replacing partial loss of tibia with maintenance of both malleoli of the ankle, **xlvi**, 628; tibia replaced by shaft of, **xliv**, 820.
- Sarcoma of, **xxxvi**, 614; in a child, **xxxvi**, 139.
- Fifth nerve**, removal of second branch of, at the foramen rotundum through orbit, **xxxvii**, 855.
- Filaria sanguinis hominis**, **viii**, 321.
- Filariasis**, **xliv**, 481.
- Filigree** for the repair of large defects in abdominal wall, **xxxviii**, 47, 302; silver, used to close large hernial apertures, **xxxvi**, 767; wire, suture for hernioplasty, **xli**, 945.
- Finger-enucleation** of the tonsil, **xlvi**, 883.
- Finger-nails** and bacteria, **vii**, 153.
- Fingers**, abortive treatment of phlegmons of, by resorcinol inoculation, **v**, 267; amputation, simultaneous, of left thigh, right arm, and left index and ring, **viii**, 154; backward dislocation of, upon metacarpus, **iv**, 549. **ix**, 280; cocaine in amputation of, **v**, 417; Dupuytren's contraction of, **ii**, 82; interphalangeal dislocations of, **vii**, 39, severed, reunion of, **v**, 263, **xii**, 285; webbed, **xxxi**, 493.
- FINNEY, JOHN M. T.**: Gastric and duodenal surgery, **xxxix**, 307; Hirschsprung's disease, **xlvi**, 1062; perforating typhoid ulcer, surgical treatment of, **xxv**, 233; perforating ulcer of the stomach, **xxxii**, 1; post-operative ileus, **xlvi**, 870, **xliv**, 141; results after pyloroplasty, **xlvi**, 1051; transportation of skin-flaps, 1, 324.
- Finney's method**, gastroduodenostomy by, **xxxix**, 587.
- First aid** on the battlefield, **xliv**, 741.
- Reviews of Books: First Aid in Illness and Injury, by Pilcher, **xvi**, 406; First Aid to the Injured and Sick, by Warwick and Tunstall, **xxxvi**, 317.
- FISCHER, F.**: Lymphangitis of the extremities, **xv**, 488.
- FISCHER, HERMAN**: Fibrolipoma of stomach, **xlvi**, 583.
- FISH, HAMILTON**: Importance of blood examination in reference to general anæsthetization and operative procedures, **xxx**, 79.
- FISHER, JOHN M.**: Shortening of the round ligaments by subperitoneal ventro-aponeurotic fixation, **xliv**, 404.
- FISHER, WILLIAM H.**: Stabwound of colon, diaphragm, and lung, **xxviii**, 499.
- FISK, ARTHUR LAPMANN**: Avulsion of brachial plexus, **xliv**, 139; both breasts amputated for carcinoma, **xxviii**, 655; case of ulcer of the stomach, **xxx**, 96; complications after operations for appendicitis, **xxxii**, 451; cyst of seminal vesicle aspirated by rectum, **xxviii**, 652; dislocation of cervical vertebra, **xxix**, 341; excision of tongue for sarcoma, **xxxvii**, 273; final results of X-rays for carcinoma, **xlvi**, 607; gunshot wound of head of humerus, **xxxix**, 1006; hypertrophic stenosis of the

- pylorus in infants, **xliv**, 1; intussusception, **xliv**, 593; ligature of the external carotid, **xlix**, 767, 872; operations for epithelioma of lip, **xxviii**, 382; operation for saddle-back nose, **xxxvi**, 612; reduction of old dislocation of the elbow, **xxix**, 347; result after excision of carcinoma of the tongue, **xxix**, 359; rupture of axillary artery and brachial plexus, with fracture of clavicle, **xxxix**, 1011; sarcoma of humerus, **xxxix**, 997; sarcoma of long bones, **xxxvi**, 614; sarcoma of testis, **xxix**, 492; simple fracture of carpal scaphoid, **xlvi**, 130; stenosis of the pylorus in infancy, **xliv**, 121; strangulated hernia operated upon by local anesthesia, **xxxiv**, 178; surgery in the presence of sugar in the urine, **xxxi**, 393, 500; traumatic cyst of the pancreas, **xxxii**, 708; traumatic rupture of the ascending colon, **xxxiii**, 626; traumatic torticollis, **xxxiii**, 628; treatment of tetanus by injection of antitoxin, **xxxi**, 368; trephining in fracture of the base of the skull, **xxix**, 354; tubercular peritonitis, **xlix**, 268; tubercular tenosynovitis, **xxxvi**, 134; vanishing tumor of pylorus, **xliv**, 296.
- FISK, EDWIN H.**: Splenectomy for gunshot wound of the spleen, **xlvi**, 38.
- Fissure of anus**, **vii**, 150; of Rolando, new method to determine its position, **xiv**, 401.
- Fistula in anus**, associated with phthisis, **v**, 284; cure of, **iv**, 361; excision of, **v**, 495; treatment of, **v**, 515; tuberculous, **vii**, 141, 149.
- Abscess, and, treatment of**, following operations for empyema of the thorax, **i**, 151.
- Artificial biliary**, **v**, 231, 238.
- Bladder, of**, from suprapubic puncture, **v**, 167.
- Branchial**, **v**, 356, **xliii**, 854.
- Coccygeal dermoid**, **xxi**, 340.
- Colo-utero-vaginal**, **ii**, 431.
- Congenital**, of neck, **xviii**, 574; **xxii**, 131; in tongue, **xliv**, 715.
- Fecal**, the extraperitoneal closure of persistent, **xliv**, 827; persistent, following general peritonitis, **xlvi**, 153; treatment of, **xxv**, 476.
- Gastrovaginal**, case of, **iv**, 459.
- Laryngeal**, plastic operation for closure of, **v**, 318.
- Perineorectal**, traumatic, **xvi**, 90.
- Pyostercoral**, caused by enterorrhaphy, **x**, 76.
- Rectal**, **vii**, 63, 311.
- Recto-urethral**, **ix**, 468.
- Rectovaginal**, **ix**, 149, **xvii**, 113; Febizet's treatment of, **xv**, 497; and rectal, **vii**, 138.
- Renal**, **vi**, 35.
- Fistula**, result of operation for intestinal anastomosis, **xxvii**, 363.
- Thoracic**, cure of old, by Estlander's operation, **vi**, 160.
- Urethral**, non-urinary, **i**, 374; operation for, **xvi**, 462.
- Urethroperineal**, **iv**, 461.
- Urinary**, treatment of, **vii**, 58.
- Uterovesical**, fistulorrhaphy for, **viii**, 465.
- Vesico-intestinal**, **i**, 251.
- Vesicorectal in the male**, operations for, **ii**, 83.
- Vesicovaginal**, **ii**, 84; Italian statistics of, **iv**, 372; operations for, **xi**, 463.
- Review of Book: Piles, and Other Diseases of the Rectum**, by Benton, **iii**, 535.
- Fixation plates in the treatment of fractures of the leg**, **xxx**, 436, 508.
- Flat-foot**, **i**, 494; apparatus for relief of, **xix**, 691; astragaloscaphoid joint, resection for, **vi**, 45; and the construction of the plantar arch, **iii**, 527; contribution to the study of, **xi**, 41; device for support of, **xxix**, 635; forcible over-correction in the treatment of, **xvii**, 16; Müller operation for, **xliii**, 765; painful, **xliii**, 73; tenoplasty of, **xxxviii**, 150; treatment of, **xvi**, 401.



- Review of Book: Radical Cure of Confirmed Flat-foot, by Whitman, xv, 462.
- FLEXNER, SIMON:** Pathological report on a case of actinomycosis hominis, xxvi, 626.
- FLINT, CARLETON P.:** Contusion and laceration of the mucous and alar ligaments and synovial hinges of the knee-joint, xiii, 445; new method of excision of the knee without opening the joint, xliii, 426; operative treatment of fracture of the neck of the femur in adults, xlviii, 729; sinus of first branchial cleft, xlviii, 165; study of infection of the knee-joint, xlii, 570.
- Floating bodies in joints,** xxii, 327.
- Floating kidneys, fixation of,** iii, 170.
- Flushing the intestinal canal with salt solution through multiple enterotomy openings,** xlvii, 953, 1062.
- Foot and feet, amputation of,** with a dorsal flap, xxiv, 706; new osteoplastic, xii, 273; plastic, viii, 441; simultaneous, of right and left arm, with right leg, and left, viii, 220.
- Congenital deficiencies of bones of,** xli, 461; deformity of, xlvii, 807.
- Dislocation of, forward and outward,** xvii, 497.
- Gangrene of,** ii, 422; with diabetes mellitus, ix, 464.
- Painful affection of,** iv, 53; Morton's, xvii, 680, 718.
- Perforating ulcer of,** ii, 154.
- Phlebacteriektasia of, spontaneous,** iv, 346.
- Plastic formation of, after amputation of leg,** xxiii, 244.
- Resection of, and of hand, longitudinal incisions in,** xiv, 397; osteoplastic, viii, 156; xxvi, 403, 404; for tuberculosis, xxvi, 518; after Wladimiroff-Mikulicz, v, 161, 553; vii, 296.
- Tuberculosis of the bones and joints of,** xxxii, 859; of the joints of, xi, 153; of the tarsus of, iv, 293.
- Venous angioma of,** xxii, 394.
- Wounds of, followed by tuberculosis of femoral, inguinal, and iliac lymph-nodes,** xxxvii, 746, 782.
- Review of Book: Foot and Face Deformities,** by Churchill, ii, 347.
- FORBES, W. S.:** Fragment of rib in the urinary bladder, xxv, 747; hour-glass contractions of the bladder, xxv, 749; improved lithotrite, xxi, 77.
- Forcippresure in gastric surgery,** xxxv, 543.
- Forearm, deformity of,** iii, 135.
- Fracture of,** xxxi, 738; compound, xlv, 970; non-union of, due to excessive bone atrophy, xxviii, 503; open, infected by *Bacillus aerogenes capsulatus*, xxxiii, 768.
- Gunshot fracture of,** xlv, 970; wound of, xxxvii, 458.
- Inoculation-tuberculosis after amputation of,** iv, 424.
- Operation for old injury of the, involving flexor tendons, median and ulnar nerves,** xlviii, 451.
- Sarcoma of,** xlix, 101.
- Volkman's ischæmic paralysis of,** xlvii, 459.
- Wounds of muscles of, treatment of,** xxiv, 55.
- Foreign body in abdomen, laparotomy for,** ix, 228; accidentally left in the abdominal cavity, xxxiv, 499, 678; in appendix vermiformis, xxii, 274; in the bladder, xv, 495.
- Body, in the,** xiii, 369; localization of, by X-rays, xxxviii, 478.
- Bronchus, in,** viii, 136; xxii, 519; use of magnet for removal of, xl, 358.
- Ears, in, removal of,** iv, 170.
- Frontal sinus, in,** xii, 358.
- Gastrotomy for ingested,** xiv, 423.
- Intestine, in, removal of,** vii, 222.
- Knee-joint, in,** xli, 775.
- Laparotomy for removal of,** vi, 512.
- Larynx, in,** xi, 282; xxxix, 1020.
- Lungs, in the,** xxxvi, 1.

- C**esophagus, in the, **iv**, 174, 193; **xxii**, 109, 111; gastrotomy for removal of, **vii**, 221; œsophagotomy for, **vii**, 187, 219.
- R**ectum, in, **vii**, 145.
- S**igmoid flexure, in, laparotomy for, **ii**, 270.
- S**imulating pathological processes, **xi**, 276.
- S**kull and spinal column, in, localization of, **xlvi**, 467.
- S**tomach, in, removed, **xl**, 238.
- S**wallowed, located by the Röntgen rays, **xxvii**, 64.
- T**horacobronchotomy for, **xl**, 369.
- U**rethra, in, male, **viii**, 51, 52.
- U**terus, in, **xi**, 75.
- V**agina, in, **xv**, 500.
- W**ounds, in, **xi**, 67; left, **xlix**, 814.
- Fork**, gastrotomy for removal of, **x**, 297.
- Formaldehyde gas**, sterilization of catgut by, **xxix**, 290.
- Formalin**, antiseptic uses of, **xxiv**, 229; catgut, **xxiii**, 187.
- Formalin-glycerin**, injections in the treatment of surgical tuberculosis, **xxx**, 747.
- Formulary**, **Pocket Medical**, notice of, **x**, 240.
- FORT, RUFUS E.**: Cysts of omentum, **xl**, 382.
- Four-tailed genital bandage**, **xlvi**, 922.
- FOWLER, GEORGE RYERSON**: Arraignment of catgut, the desirability of simplicity of method in obtaining certain asepsis in surgical work, **viii**, 450; black vomit in appendicitis, **xxxviii**, 109; caseous lymphatic gland, **i**, 566; congenital sacral cysts, **i**, 115; contraindications to immediate suturing of fractures of the patella, **xiii**, 31; crossed suture, **xv**, 351; fracture of the patella treated by wiring the fragments, **ii**, 246; hernia of the pleura into the neck, **ix**, 321; importance of the primary direction of the sac and spermatic cord in operations for the radical cure of hernia, **xxv**, 625, 627; interscapulothoracic amputation for osteomyelitis of the humerus, **xxxi**, 633, 686; is resection of the knee-joint justifiable in children? **ix**, 439; location and removal of missiles from the cranial cavity, **xxii**, 596; metallic foreign bodies in a bronchus, **xlvi**, 447; new method for gastro-enterostomy, **xxxvi**, 695; new method for radical cure of inguinal hernia, **xxvi**, 603; new operative method in the treatment of fracture of the patella, **xxi**, 621; observations on appendicitis, **xix**, 4, 146, 327, 475, 546; operative technic of appendicitis **xiii**, 276; operative treatment of facial neuralgia, **iii**, 269; operative treatment of fracture of patella, **xxi**, 608; operative treatment of hernia, **xvii**, 28; removal of appendix in operations for, **xxi**, 600; rupture of rectum by colpeurynter during attempt to perform intraperitoneal cystotomy, **xii**, 129; shortening of round ligaments, **iv**, 42; intrathoracic tuberculosis, surgery of, **xxiv**, 541; surgical analgesia by spinal cocaineization, **xxxii**, 847; suture of spinal cord for gunshot injury, **xlii**, 507; transplantation of large strips of skin, **ix**, 179; treatment of rupture of intestine, **xxxiv**, 295; treatment of tetanus by injections of antitoxin, **xxxi**, 367; value of Bier's method in the treatment of joint tuberculosis, **xxxviii**, 106; wire suturing of fractured patella, as an immediate method of treatment, **v**, 518.
- FOWLER, HARRY A.**: Puncture wounds of the bladder, **xlii**, 215; stone in lower ureter, **xl**, 943.
- FOWLER, ROYALE HAMILTON**: Diffuse septic peritonitis due to appendicitis, after-treatment with postural drainage, **xlvi**, 828.
- FOWLER, RUSSELL S.**: Echinococcus cyst of liver, **xxxii**, 812; interscapulothoracic amputations, **xxxi**, 35, 194; partial

- enterocele, **xxix**, 533; surgical treatment of internal hydrocephalus, **xl****ix**, 374.
- FOXWORTHY, FRANK W.: Modern bullet wounds, **xl**, 834.
- Fracture or fractures, acupuncture in delayed union of, **xix**, 756.
- Animals, in cases of, **xxxviii**, 888.
- Ankylosis of elbow in extension after, **xix**, 236.
- Astragalus, of, **i**, 490; with dislocation, **vi**, 405; removal of the entire, **xl****iii**, 295; with subastragaloid forward dislocation of the foot.
- Carpal scaphoid, of, **xli**, 321; **xl****ii**, 260.
- Clavicle, of, **i**, 293, 489; double, **xxv**, 716; sternal end of, 100; treatment of, **xi**, 44.
- Compound, **ii**, 5, 63, 64, 65, 246; five hundred and sixteen cases of **v**, 76; of the humerus, **xxvii**, 783; of the lower extremity, treatment of, **xxiii**, 449; method of treating, **xvii**, 140; results and methods of treatment at the J. Hood Wright Memorial Hospital, **xxx**, 297; shortening of limbs after, with extensive destruction of soft parts, **iii**, 525; of skull followed by abscess of brain, **v**, 143; treatment of, **xv**, 279; use of wire for fixation of, **xxvii**, 785; value of operative treatment in, **xxxiii**, 171, 205.
- Coracoid process, of, **iii**, 174.
- Cranium, of, extensive and comminuted, ending in recovery, **xvii**, 227.
- Death from, **xiii**, 373; from thrombosis and embolism after, **iv**, 261.
- Deformity after healing, **xvii**, 108.
- Delayed union, how to hasten consolidation in cases of, **xxvii**, 95; treated by thyroid medication, **xxxi**, 695, 742.
- Elbow, at, in children, **xxxv**, 75; with rupture of biceps muscle, **xxiv**, 57; treatment of, **xix**, 236, 363.
- Extensive destruction of soft parts, with operative shortening of bones of legs after, **v**, 551.
- Femur, of, **xviii**, 30, 125; in children, treatment of, **xli**, 454; conservative treatment of, **xl****viii**, 748, 790; extracapsular, **i**, 171; in infancy, treatment of, **xl****ii**, 257; intracapsular, treated by screw fixture, **xl****ii**, 282; nailing a recent intracapsular, **xl****vii**, 469; of the neck of, **xvi**, 60, **xl****viii**, 447; of the neck, in childhood, **xxv**, 673; of the neck of, observations on treatment of, **xl****vii**, 84, 118; in the new-born infant, **xviii**, 472; opening into the knee-joint, **xl****vii**, 630; pathological, **xi**, 121; of the shaft of, recent, operative treatment of, **xl****viii**, 420; spontaneous refracture of a healed, **xxxix**, 105; treatment of, **xl****vii**, 1037.
- Fibula, of, with separation of lower epiphysis of tibia, **v**, 170.
- Forearm, of, ununited, **xxxiv**, 416.
- Humerus, of, **iii**, 263, **iv**, 68, **xl****ii**, 314; of the condyles of, treatment of, **xxxix**, 1033; epiphyseal, in the newborn, **i**, 492; of external condyle of, operation for, **xxxi**, 752; with interposition of soft parts, **v**, 448; with musculo-spiral nerve injury, **xxxi**, 129, 242; of neck of, with dislocation of head into axilla, **xxvii**, 660; of neck of, with dislocation of upper fragment, **xxxi**, 291, 614; operative treatment of deformity after, **xxviii**, 142; supracondyloid, correction of deformity following, **xxx**, 93; of surgical neck of, **xxxvi**, 607, 787; of surgical neck complicated with dislocation, **xxv**, 362; ununited, frequent cause for, **xxv**, 638; of the upper end of, **xl****iii**, 639.
- Hyoid and larynx, of, **ii**, 158; irreducible, operation upon, **xxxiv**, 448; isolated, of the great trochanter, **xlvi**, 292; of the greater tuberosity of the humerus, **xl****vii**, 10.

- Jaw, of, lower, new interdental splint for, **xlii**, 252; with separation of the genial tubercle, **xix**, 653.
- Joints, of, treatment of, **xviii**, 672.
- Larynx, of, **i**, 280; causation of, **v**, 144.
- Leg, of, ambulatory treatment of, **xxi**, 187, **xxiii**, 240, 462; disunited, **xxxvii**, 439; produced during birth, **xii**, 451; treated with fixation plates, **xxxi**, 436, 508; treated by wiring the fragments, **iii**, 101; treatment of, **xxvii**, 593.
- Long bones, of, development of callus after, **xii**, 261; external metal support for direct application to the shaft of, **xliii**, 271.
- Massage in the treatment of, **xxiv**, 752, **xxiv**, 691; and mobilization in the treatment of, **xi**, 359; in the treatment of recent periarticular, **xxxii**, 351, 603.
- Metatarsal bone, of, fifth, by indirect violence, **xxxv**, 697; of proximal end of, **xlvi**, 824.
- Motor-boat, **xlvi**, 122.
- Multiple, **xlvi**, 263; of bones of infants, **x**, 154; involving the upper extremity, **xlvi**, 318; of the lower jaw, treated with an interdental splint, **xlvi**, 826; spontaneous, **xli**, 451; in a syphilitic, **ii**, 344.
- Nerve injuries in, **xxiii**, 147, 200; of upper extremity, **xviii**, 356.
- Non-union of, **iii**, 356.
- Nose, of, treatment of, **xxviii**, 458, 668.
- Olecranon, of, rare, **viii**, 395.
- Open measures in the treatment of, **xxv**, 698, 760.
- Patella, of, **i**, 464, **ii**, 64, 159, 246, **iii**, 439, **v**, 401, **ix**, 154; immediate wire suturing of, **v**, 518; intra-articular inflammatory adhesions after wiring a simple, **iii**, 261; and olecranon, pathology of transverse, **v**, 177; new operation for, **iv**, 227; suture of, **viii**, **i**, 186; treated by open operation and suture of the fragments, **xlvi**, 828; treated by wire, suture, results, **i**, 491; treated by wiring the fragments, **iii**, 101; treatment of, **viii**, 158; treatment by metallic suture, **iv**, 83; treatment of old transverse, **vi**, 85; wiring, **viii**, **i**.
- Pelvis, of, **viii**, 154; with extra-peritoneal rupture of the bladder, **xxxv**, 288.
- Penis, of, **iii**, 250.
- Paralysis of radial nerve following, **iv**, 517.
- Radiographs of, **xxvii**, 653.
- Radius, of, head and neck of, **xlvi**, 280; indirect, **iii**, 256.
- Rest, limitations of, in the treatment of, **xv**, 148.
- Ribs, of, **viii**, 213; from sneezing, **iii**, 100.
- Scapula, of, **i**, 491; anatomical neck, **vi**, 84.
- Simple, **ii**, 5, 9, 64, 158, 259, 344; around and penetrating into joints, treatment of, **viii**, 454.
- Skull, of, **i**, 278, **ii**, 5, 9, 65, 259, **iii**, 340, **iii**, 520, **iv**, 430, **vi**, 69, **viii**, 303; by contrecoup, **vi**, 151; etiology of, **viii**, 287; base of, followed by pulsating exophthalmus, **xviii**, 234; gunshot, with wound of internal carotid, **v**, 350; mechanism of indirect, **iii**, 521; treatment of compound, **iv**, 318; trephining in epilepsy from old, **iv**, 71.
- Spine, of, **vii**, 467, **xxxviii**, 311.
- Spiral, **ix**, 300.
- Spontaneous, from osteoporosis, **i**, 65, 491.
- Sternum, of, **iii**, 173.
- Temperature in simple, **ii**, 158; in subcutaneous, **iv**, 261.
- Subcutaneous, behavior of bodily temperature in, **iv**, 26.
- Suture of, primary, **xxxvi**, 974.
- Tarsal bones, of, **xli**, 363.
- Thigh, of, with reabsorption of callus from erysipelas, **v**, 437.
- Tibia, of, anterior tuberosity of, **viii**, 27; and fibula, **ii**, 63; and humerus, wiring fragments after compound, **iii**, 263; sarcomatous, followed by spontaneous bony union, **viii**, 319; ununited, **xxxiv**, 431; of upper end of, by compression, **v**, 439.

- Treatment of, **xv**, 375; **xxxix**, 778, 818; ambulatory, in children, **xxiv**, 481.
- Tubular bones, of, new method of retention in, **vi**, 268.
- Ulna and radius, of, **ii**, 159; in upper third, with dislocation of head of radius, **iv**, 262.
- Ununited, **vi**, 48, 272; etiology of, **vii**, 435; results of treatment by the Parkhill clamp, **xxxi**, 327; transplantation of bone for, **vi**, 272; treated with bone-clamp, **xxvii**, 553.
- Upper extremities, of, **iii**, 174.
- Vertebra, of, cervical, **vi**, 156; cervical, prognosis after, **xli**, 474; with recovery, **ii**, 506; spinal, **iii**, 98; transplantation of, **vi**, 156.
- Vicious union after, **xxix**, 362.
- Fracture-dislocation of atlas, without symptoms of spinal-cord injury, **xlvi**, 632, 634.
- Fractures, clamp for the fixation of ununited, **i**, 1114.
- Laminectomy for simple, **xxv**, 105.
- Operative treatment of, **i**, 363, 1106.
- Reviews of Books: Atlas and Epitome of Fractures and Dislocations, by Helferich, **xxxvii**, 158; Clinical Treatise on Fractures, by Hopkins, **xxxiii**, 108; Fractures and Dislocations, by Pick, **iii**, 449; Fractures of the Lower Extremities of the Humerus in Children, by Chutro, **xlii**, 153; Fractures of the Upper Extremity, by Platt, **xxxi**, 386; Notes on the Modern Treatment of Fractures, by Roberts, **xxxi**, 387; Open Measures in the Treatment of Fractures, by W. Joseph Hearn, **xxv**, 760; Permanent Extension in Fractures, by Bardenhauer, **ix**, 397; Recent Simple Fractures, by Stetter, **ix**, 320; Text-book of Fractures and Dislocations, by Hoffa, **ix**, 319; **xxii**, 252; Treatise on Fractures, by Bruns, **iv**, 283, 288; Treatise on Fractures and Dislocations, by Stimson, **xxxi**, 385; third edition, **xxxiii**, 107, **xxxiv**, 719, **xliii**, 960, **xlvi**, 319; Treatment of Fractures, by Scudder, **xxxiii**, 812; **xxxvii**, 159, **xxxix**, 827, **xlvi**, 477.
- FRAENKEL, JOSEPH: Contribution to the surgery of neurofibroma of the acoustic nerve, **xl**, 293.
- Fragilitas ossium, case of, **xviii**, 662.
- Framboesia, case of, **xxi**, 46.
- FRANCO, PIERRE: Biographical sketch of, **xxiv**, 523.
- FRANK, JACOB: Classification of forms of ileus, **xxxiii**, 496; condition of gall-bladder in abscess of the liver, **xli**, 318; congenital angioma of tongue, **xxxiii**, 659; congenital and infantile omentocoele on the same side, **xl**, 204; excision of the cæcum, **xxxvii**, 785; excision of liver tissue, **xlii**, 632, 634; exclusion of bowel, **xlii**, 143; exstrophy of the bladder, **xxxvii**, 292; mechanical *versus* suture methods of intestinal approximation, **xxxiv**, 846, **xxxv**, 36; perineal prostatectomy, **xli**, 310, 314; primary tuberculosis of the parotid gland, **xxxvi**, 945; recovery after operation for intussusception, friable intestinal walls, **xli**, 308; surgery of the liver, **xxxv**, 427; tapping of the lateral ventricles, **xix**, 424; tendon suture, **xxxiii**, 661.
- Frank's method of gastrostomy, **xviii**, 555.
- FRANKS, KENDAL: Advantages of the principle of dry dressings in antiseptic surgery, **iii**, 122; fibrous stricture of the œsophagus, **xii**, 321; fibrous stricture of the œsophagus treated by gastrostomy and retrograde dilatation, **xix**, 385; nephrolithotomy, **v**, 1.
- FRANKLIN, MELVIN M.: Double fracture of the clavicle by direct violence, **xxv**, 716; traumatic periencephalitis with cerebral abscess, **xxvi**, 57.



**FRAZIER, CHARLES H.:** Ambulatory treatment of fractures of the leg, **xxiii**, 471; complete series of clinical charts for recording surgical cases, **xxxii**, 823; curvature of the neck of femur, coxa vara, **xxviii**, 21; dislocation of a vertebra, **xliv**, 459; elevator for operations upon base of brain, **xxxvii**, 461; endo-aneurismorrhaphy (Matas), **xlvi**, 358, 366; excision of half of the lower jaw and half of the tongue for epithelioma, **xliv**, 306; excision of myxofibroma of neck, **xxv**, 635; gas-ether anaesthesia, **xlvi**, 479; hot-air treatment of gouty arthritis, **xxv**, 635; hot-air treatment of painful and partially ankylosed joints, physiological effect of local application of hot air on general metabolism, **xxvi**, 455; malignant tumors of breast, **xlvi**, 317; neuropathic affection of the bones, **xxxiv**, 437; operating table for head and neck cases, **xliv**, 159; operative treatment of cirrhosis of the liver, **xxxiii**, 715, 792; partial gastrectomy, **xliv**, 950, 971, 974; perforating gastric ulcer, **xliv**, 957; surgery of the vascular system, **xlvi**, 484.

**Free abdominal dermoids**, **xxi**, 609.

**FREEMAN, LEONARD:** Correction of certain forms of saddle-nose, **xlvi**, 206; experiments relating to sterilization of the hands, **xxx**, 496; forcible straightening of the spine in Pott's disease, **xxvii**, 463; Hirschsprung's disease, **xlvi**, 1062; new method of suture in operations for inguinal and other forms of hernia, **xxxi**, 286; resection of ribs, with external pressure in apical tuberculosis, **i**, 145; sarcoma of femur, ligation of common iliac artery, amputation at hip-joint and removal of part of pelvis, **xxxiii**, 318; some fractures

of the lower end of the radius as seen by the Röntgen rays, **xxv**, 470; surgical affections of the kidney, **xlvi**, 1055; unilateral hæmaturia from chronic nephritis, recovery after decapsulation of the kidney, **xxxix**, 370; union of ununited fractures of the neck of the femur by open operation, **xl**, 561, 606; use of egg-membrane, in trephining operations on the skull, **xxviii**, 455; use of linen thread in gastro-enterostomy, **xlvi**, 1051.

**FREER, J. A.:** Abnormalities of the urachus, **v**, 107.

**Freezing point** of blood and urine, **xxxv**, 427; method of determining, **xxxv**, 535; in renal surgery, **xxxv**, 692, 693.

**FREIBERG, ALBERT H.:** Congenital luxation of the ankle, **xxxviii**, 545; congenital deformity due to malposition of the scapula, **xxix**, 584; intra-uterine fracture of the tibia resulting in congenital ankle deformity, **xxii**, 777.

**FREMONT-SMITH, F.:** Case of obstructive hypertrophy of the prostate gland treated by castration, **xx**, 52.

**French Congress of Surgery**, **i**, 292; programme for 1893 meeting, **xvii**, 382.

**French Surgical Association**, transactions of session of 1897 (review of), **xxviii**, 682.

**FREW, W. C.:** Œsophagotomy for the removal of an ingested foreign body, **vii**, 187.

**FRIEDRICH, P. L.:** The operative treatment of tuberculosis of the lungs, **i**, 135.

**FRIEND, EMANUEL:** Hygroma and fibroma of tuber ischii bursæ, **xxxvii**, 393.

**Frontal sinus**, anatomy and surgery of, **xxviii**, 611, 747, **xxix**, 73, 175; empyema of, **xii**, 438, **xliii**, 321; empyema of, operative treatment of, **xxix**, 523; epithelioma of, **xx**, 416; foreign body in, **xii**, 358; involved in orbital fracture,

- xxx**i, 622, 623; osteoma of, **xvi**, 270, **xli**, 624; osteoma, dead of the nasal and, **iii**, 164; osteoplastic opening of, **xxiv**, 96; suppuration of, **vii**, 451; **xlii**, 471; teratoma of, **iv**, 68.
- Frost-bite** of external genitals, in a parturient woman, **xi**, 396; tetanus after local, **v**, 533.
- Frozen Sections of a Child** (review of), **i**, 189.
- Fulguration** as a treatment for cancer, **xlvi**i, 776.

- FULLER, EUGENE**: Question of priority in the adoption of the method of total enucleation suprapubically of hypertrophied prostate, **xli**, 520; radical treatment for curvature of the penis, **xxx**i, 717; relation of gonorrhoeal rheumatism to seminal vesiculitis, and its cure by seminal vesiculotomy, **xli**, 903.
- Furuncle**, infectious nature of, **vii**, 207; treatment of, **xxv**, 514.

## G

- GAGE, HOMER**: Abdominal contusions associated with rupture of the intestines, **xxxv**, 331; fibrinous calculi in the kidney, **xlvi**i, 378.
- Galactocoele**, **ii**, 335, **xl**, 275; ex retentione, **viii**, 309.
- GALLANT, A. ERNEST**: Castor oil and balsam of Peru mixture as a surgical dressing, **xxvi**, 329; splint for treatment of fractured femur in infants, **xlii**, 801.
- GALLAUDET, BERN B.**: Abscess of pancreas, **xxx**, 232; carcinoma of pancreas, **xxx**, 233; emphysematous gangrene, **xxxiii**, 760; epidural, traumatic, and intracerebral hemorrhage, **xlvi**i, 122; laminectomy for simple fractures, **xxv**, 28, 103; necrosis of entire temporal bone, **xxx**, 223; penetrating stab wound of thorax, diaphragm, and stomach, **xxx**, 235; postanæsthetic paralysis, **xxx**, 226; removal of epithelioma of lip by Regnier's method, **xxii**, 266; restoration of the lower lip after the method of Regnier, **xxi**, 688; sarcoma of the upper jaw, **xxx**, 225; serous cholecystitis, and suppurative cholangitis, **xxx**, 230; suppurative cholecystitis, **xxx**, 229; suture of musculo-spiral nerve, **xxii**, 261; tenorrhaphy, **xxxix**, 284; traumatic herniæ,

- xxxix**, 597; traumatic pyelo-paranephric cyst, **xxxix**, 573, 597; treatment of fracture of lower jaw, **xxxix**, 295; tumor of brain, **xxxvii**, 279.

- Gall-bladder** and bile-ducts, observations on the surgery of, **xxx**, 450; review of fifteen hundred operations upon, **xliv**, 209; surgical affections of, **xviii**, 85; surgical treatment of some of the remote results of inflammation of, **xxxv**, 345.
- Carcinoma** of, **xxxviii**, 600.
- Cholecystectomy** after rupture of, **v**, 321.
- Cholecystotomy** for empyema of, **xii**, 335.
- Condition** of, in abscess of the liver, **xli**, 318.
- Contracted**, enclosing gall-stones, **xx**, 376.
- Dilatation** of, accompanying hydatid cyst of the liver, **xvi**, 171.
- Disease** of, **xxxvi**, 142.
- Diseases** of the, requiring cholecystectomy, **i**, 1265.
- Distended**, **xlii**, 789; diagnosis of, **ii**, 507; with tubercular peritonitis, **xliii**, 790.
- Drainage** of, in gastro-enterostomy, **xli**, 290.
- Dropsy** of, **i**, 362.
- Ducts**, and, carcinoma of, **xliv**, 866; operations on, **xix**, 731; surgical anatomy of, **xxix**, 721, 758; technic of operations on, **xxxv**, 27.

- Empyema of, vii, 400, xix, 244; chronic, xxxix, 570.
- Evacuation of, viii, 214, 215.
- Excision of, complete, *vs.* removal of its mucosa, xxxvi, 503; primary, xl, 44, 128, 129, 134.
- Exclusion of, after cholecyst-enterostomy, xxxviii, 764.
- Extirpation of mucous membrane of, xxxiii, 192.
- Floating, with cholelithiasis, xxvii, 199.
- Gangrene of, xix, 197, 244; xlviii, 72; after appendicitis, xxxiii, 761; in a man of seventy, xl, 431.
- Hour-glass, xix, 371.
- Incision of, vi, 164; for gall-stones, xxvi, 284.
- Inflammation of, xxix, 435, 495; acute, with gall-stones, in a girl of seventeen, xl, 430; acute, simulating intestinal obstruction, xviii, 84; operative treatment of, xxx, 350; perforative, xxxvi, 270.
- Liver, and, gunshot wound of, xxxix, 100.
- Operations on i, 76, 362, xxxvi, 155, xxxvii, 612; analysis of three hundred and twenty-eight, xxxv, 732; improved technic in, xxvii, 53; Robson's cases of, xx, 234.
- Perforation of, xliii, 61; with double perforation of ileum, in typhoid, xlv, 34; primary typhoidal, xxxvii, 878, 935.
- Removal of, xlii, 120.
- Rupture of, xxxviii, 122, 915, xl, 44; followed by profound toxæmia, xl, 424, 425.
- Slough of, associated with intestinal obstruction, xl, 133.
- Surgery of, x, 205, xi, 129, 130, xvi, 138, 356, xviii, 379, xxxv, 643, 647, 664, xxxix, 600, xli, 201, 315; clinical observations on, xxxv, 708; contribution to, xxiii, 124, 284, 285; Kummell on, xii, 254; observations on, xxvii, 711.
- Review of Book: Present State of Surgery of the Gall-bladder, by Czerney, xvi, 356.
- Gall-duct**, calculi in, xxi, 214, xl, 593; evolution of the surgery of, xxv, 657; experiments upon, xxi, 108; and gall-bladder, in immediate suture of, after extraction of stone, xxii, 86; lesion of, xvi, 393; obstruction of, xxii, 167; and pancreas, anatomy and pathology of, xxxviii, 924; removal of calculi from, xxiv, 761; subcutaneous rupture of, xxxviii, 915; stricture of, ix, 98.
- Gall-passages**, drainage after operations on, xxi, 118; and liver, surgery of, xv, 380; plastic operation on, xliv, 788; surgery of, ii, 271.
- Gall-stones**, xxii, 181, xxxvi, 275, xlix, 830; with acute septic cholangitis, xxxix, 104; with acute suppurative pancreatitis, xliv, 304; cholecystotomy for, xii, 330; xlii, 120; chronic, treatment of complications attendant upon, xxxviii, 549; in common duct, without characteristic symptoms, xxxix, 103; in common and hepatic ducts, xli, 797; in cystic duct, xliii, 157; disease, treatment of the complications attendant upon, xxxviii, 453; eliminated through a right iliac abscess, ix, 227; etiology of, xxxv, 668; formed around silk sutures after cholecystotomy, xxvi, 114; intestinal obstruction due to, iii, 525, iv, 180, 251, xviii, 582, xxiii, 125, xxv, 101, xxxvi, 161, 300, xlix, 717; impacted, iv, 183, 184, 251; impacted in the common duct, operative treatment of, xxxvii, 113; impacted in the cystic or common ducts, xx, 561; incarcerated, removal of, from cystic duct, xxi, 213; Kehr's statistics of seven hundred and fifty laparotomies for, xxxviii, 141; large, removed from the common duct, xlix, 576; in liver, v, 229, 237; in liver, condition of cases, xli, 317; obstruction of bladder due to, xxxiii, 634; operations for, v, 229, 230, 237, 321, 549; recurrences

- after operations for, **xxxvi**, 157; removal from common duct, **xxii**, 516, **xlvi**, 558; removed by incision of gall-bladder, **xxx**, 516; removed for suppuration, **viii**, 312; removed by the transduodenal route, **xxxvi**, 927; report of two hundred and nine operations, **xxv**, 656; with sub-acute pancreatitis, **xlvi**, 320; surgery of, **iii**, 86, 88, 381, 397; surgical intervention in, **iv**, 339; surgical treatment of, indications for, **xxxvi**, 155; symptomatology of, **xxxv**, 667; temperature as affected by, **xxv**, 668; value and place of duodenocholedochotomy in surgery of, **xlvi**, 69.
- Reviews of Books: Gall-stone Disease, by Kehr, **xxxv**, 855; Gall-stones and Their Surgical Treatment, by Moynihan, **xliv**, 473.
- Galvanic current**, use of, in the treatment of false ankylosis, **xxix**, 551, 627.
- Ganglia**, pathogenesis of, **xxiii**, 767; of wrist, **ii**, 331.
- Gangrene** of appendix, in a three weeks' old infant, **xlvi**, 57.
- Arteriosclerosis, from, **xli**, 452.
- Arteriovenous anastomosis for, **xlvi**, 897.
- Bowel, of, relieved by intestinal resection, **xix**, 416; in ventral hernia, **xxxiv**, 298.
- Cæcum, of, **ix**, 96.
- Carbolic acid, **xxix**, 284; of finger, **xliv**, 245.
- Cheek, of, **xxvi**, 241.
- Diabetic, amputations for, **xxxi**, 500; hip amputation for, **xxxi**, 494; in major operations, revision of teachings regarding, **vi**, 139.
- Emphysematous, **xxxiii**, 758, 768; of hand, **xix**, 187.
- Foot, of, **ii**, 422; with diabetes mellitus, **ix**, 464.
- Forearm, of, after hysterectomy, **xxxvi**, 153.
- Gall-bladder, of, **xix**, 197, 244; **xlvi**, 72; in a man of seventy, **xi**, 431.
- Hernia, in, **iv**, 253; and artificial anus, treatment of, **ix**, 445; imminent in strangulated, treatment of, **xvii**, 101; strangulated femoral, complicated by suppurating adenitis, **xli**, 476; subjected to circular enterorrhaphy, **xix**, 647; treatment of, **xvii**, 102, 371, 619.
- Hollow viscera, of the, **xi**, 364.
- Intestines, of, **xi**, 364; **xlvi**, 629; due to vascular obstruction, **xxxiii**, 443; small, after operation for inguinal hernia, **xli**, 477.
- Leg, of, in a child of four weeks, amputation of thigh for, **xxxvi**, 131; embolic, after acute lobar pneumonia, **xxxviii**, 380; after ligation of femoral artery, **v**, 86; after rheumatic endocarditis amputation, **xliv**, 635; symmetrical, in Raynaud's disease, **xxviii**, 125.
- Lungs, of the, following pleuropneumonia, **viii**, 311; pneumotomy for, **xv**, 479.
- Median nerve, of, without loss of function in supplied parts, **vi**, 501.
- Rectum, of the, **xxviii**, 395.
- Scrotum, of the, **iii**, 250; **xli**, 785, 814; after removal of enlarged inguinal glands, **iii**, 40, 90.
- Senile, amputation for, **ii**, 331; of the lower extremity, **xv**, 131; of toes, amputation at lower third of thigh, **xvi**, 174.
- Skin, of the, with pustules, peculiar form of, **xx**, 481.
- Spontaneous, **xxxv**, 431; of the hollow viscera, **xxxix**, 554.
- Superficial bilateral, with asymmetrical lesions, **xxxi**, 609.
- Surgical, pathology and treatment of, **xvi**, 260.
- Traumatic emphysematous, shoulder-joint amputation for, **xliv**, 286; from rupture of inner coat of arteries, **xxx**, 378.
- Reviews of Books: Gangrene in Diabetes Mellitus, by Grossman, **xxxi**, 776; Pathology of Hospital Senile Gangrene, by Rosenbach, **ix**, 475.

- Gangrenous typhlitis**, with partial resection of intestines, **xv**, 483.
- GARCEAU, EDGAR**: Results of operations on the kidney for tuberculosis, **xxxvi**, 515.
- GARDNER, FAXTON E.**: The etiology of hydronephrosis, **xlvi**, 575.
- GARRETT, RICHARD WILLIAM**: Traumatic rupture of the bile-duct, **xxx**, 227.
- GARROW, A. E.**: Primary carcinoma of appendix, **xlvi**, 560.
- Gas abscesses**, **xv**, 399; phlegmons, **xxxvi**, 639.
- Gas-bacillus infection** of compound fracture of radius and ulna, **xl**, 561.
- Gas-ether anæsthesia**, **xlvi**, 435.
- Gasserian ganglion**, Doyen's method for removal of, **xxiii**, 69; excision of, **xiii**, 132; **xxiii**, 58, 119, 320; **xxxi**, 463, 505; excision of intact, **xxxiii**, 683; excision of, for tic douloureux, **xxxvi**, 957; microscopic examination of, in trigeminal neuralgia, **xxxiii**, 696; operation for removal of, **xv**, 320; preservation of nerve supply to the brow in the operative approach to, **xlvi**, 1; removal of, **xix**, 47; removal of, for neuralgia, **xvi**, 161; **xxiv**, 92, 575, 736; **xxv**, 97; surgery of, **xvii**, 1045.
- GASTON, J. MCFADDEN**: Treatment of sarcoma by electrolysis and cataphoresis, **xxvi**, 196.
- Gastrectomy** for carcinoma, **xxxi**, 344, 587; carcinoma of stomach, **xxxix**, 997, 999; partial, **xl**, 950, 971; partial for carcinoma, **xlvi**, 438, 801; partial, for unusually situated carcinoma, **xlvi**, 444.
- Gastric dilatation**, surgical, considerations pertaining to, **xli**, 715; and tetany, **xxxix**, 527.
- Gastric and duodenal surgery**, **xxxix**, 302.
- Gastric fistula** feeding for twelve years, **xl**, 260; Fontan's method of establishing, **xxx**, 376.
- Gastric and intestinal lesions**, **xl**, 756.
- Gastric lavage**, postoperative, value of, **xl**, 612.
- Gastric surgery**, forcipressure in, **xxxv**, 543.
- Gastric tetany** and foreign bodies in the stomach, **xl**, 909.
- Gastric ulcer**, **xl**, 128, 129; cause of obliteration of the stomach, **xl**, 30.
- Duodenal ulcer**, and, contributions of surgery to a better understanding of, **xl**, 810; secondary to wounds of the urinary bladder, **xlvi**, 924, 1052; surgical cure of, **xlvi**, 885, 1050; treatment of, **xl**, 236.
- Excision of**, **xxix**, 629; from posterior wall, **xxx**, 95.
- Gastro-enterostomy** for, **xli**, 290; **xlvi**, 151.
- Hemorrhage** from, surgical treatment of, **xxx**, 393.
- How frequently do they become carcinomata?** **xlvi**, 922, 1052.
- Operative treatment of**, **xl**, 686.
- Perforating**, **xxxix**, 116; **xl**, 116, 266; **xlvi**, 462, 773, 930; **xlvi**, 803; **xlvi**, 130, 131, 135, 620, 926; **xl**, 729, 863; abscess due to, **xli**, 288; acute, **xl**, 858; contribution to the surgery of, **xxxix**, 333; successfully treated by abdominal section, **xxiii**, 122; surgery of, **xxiv**, 50, 640; surgical treatment of, **xl**, 907, 952, 954.
- Posterior wall**, on, **xl**, 419.
- Relieved by gastro-intestinal anastomosis**, **xxv**, 368.
- Sequelæ**, and its surgical treatment of, **xxxv**, 529; surgery of, **xxxi**, 458; contributions to, **xli**, 44.
- Review of Book**: Surgical Treatment of Gastric and Duodenal Ulcers, by Moynihan, **xxxviii**, 466.
- Gastrocnemiosemimembranous bursitis**, **xxx**, 61.
- Gastroduodenal resection**, **xvi**, 573.
- Gastroduodenoscopy** and diaphanoscopy, **xlvi**, 785.
- Gastroduodenostomy** for benign pyloric obstruction, **xxxix**, 995; by Finney's method, **xxxix**, 587.
- Gastro - entero - anastomosis**, Lücke's method, **xxxi**, 123.



**Gastro-enterostomy**, ii, 79, 269; xliii, 220; xix, 731; xxii, 794; xxvi, 117; xxviii, 145; xxxi, 585; xxxix, 280, 593; xlviii, 136; for benign stricture of the pylorus, xxix, 484; xxxiv, 300; xxxvii, 940; xxxix, 1009; with bone plates, xix, 658; for carcinoma, specimen of, xl, 285; for cicatricial obstruction of pylorus, xxxix, 1010; combined with entero-anastomosis, xxv, 655; complications following, xxxvi, 231; for continued vomiting, xlix, 249; death after, from anomaly, of the duodenum, xliii, 88; direction of the jejunum in the operation of, xlv, 481; gall-bladder drainage after, xli, 290; for gastric ulcer, xli, 290; xliii, 151; in gastric ulcer, effects of, xl, 435; for gastric ulcer, one hundred cases of, xxxix, 690; with gastroptosis for vomiting, xxxiv, 302; for hæmatemesis, xl, 500; in Leucke's clinic, vii, 199; McGraw's elastic ligature, use of in, xxxix, 144; Moynihan's clamp and split-eyed needles for use in, xl, 424; with Murphy's button, xxi, 38, 69; xxiii, 122; xxv, 100; xxvi, 31, 119; xxviii, 246, 251; new method for, xxxvi, 695; for non-malignant pyloric stenosis, xxvii, 796; observations on, at the Breslau Clinic, xxviii, 284; for pancreatic carcinoma, xxxix, 609; by Podrez's method, xxx, 759; xxxi, 524; posterior, xxix, 751; xxx, 648; posterior, with Murphy's button, xxvii, 769; posterior, technic of, xl, 357; present status of the operation, xxxix, 512; for pyloric carcinoma, xxv, 746; and pyloroplasty, xli, 686; relation of the mesocolic band to, xlvii, 1; review of five hundred cases, xlii, 641; with the Roosevelt clamp, xlv, 958; studies upon the function of the pylorus after, xli, 549; supplemented

by entero-enterostomy by elastic ligature, xxxv, 406; in two stages, xvii, 475; technic of, xxxi, 124; with turnip plates, xvi, 437; by twine triangular stitch, xli, 914; vicious circle after, xliii, 770; why not a harmless operation, xli, 901.

Secondary, I, 802.

**Gastro-intestinal anastomoses**, use of the segmented ring in, xl, 748.

**Gastro-intestinal tract**, gunshot wounds of, xvi, 274.

**Gastrojejunostomy**, xxxi, 504; xxxix, 279; for carcinoma of the pylorus, xxxvi, 953; for duodenal ulcer, xli, 786; technic of, xliii, 537.

**Gastromesenteric ileus**, xlv, 736.

**Gastroplication**, for dilatation of stomach, xxx, 249; xl, 279.

**Gastroptosis** and dilatation, xliii, 775; surgical treatment of, xxxii, 41.

**Gastrorrhaphy** for diminishing the size of a dilated stomach, xvi, 275.

**Gastroscopy**, œsophagoscopy and, I, 505.

**Gastrostomy**, v, 369; ix, 81; xxxi, 573; xxxv, 284; xxxvi, 134; xlviii, 146; for carcinoma of œsophagus, ix, 237; xxi, 177; xxvi, 243; for carcinomatous stenosis, xxx, 647; for cicatricial stenosis of the œsophagus, xxi, 543; xxx, 633; Frank's method of, xviii, 557; and gradual dilatation for stricture of œsophagus, xxxvii, 785; for hatpin swallowed by an infant, xl, 354; by Kader's method, xxv, 88; xxix, 111; for malignant stricture of the œsophagus, xliii, 299; by Marwedel's method, xxvii, 650; of pedunculated stomach for carcinoma, xxiv, 310; as preliminary treatment of stricture of the œsophagus, xx, 733; for relief of obstruction of œsophagus, xxiv, 654, 655, 656; for removal of fork, x, 297; for removal of spoon,

- x, 297; results of, ii, 259, 269; for scirrhus of the œsophagus, vii, 223; for stenosis of the œsophagus, xxviii, 254; for stricture of the œsophagus, xxxi, 243, 257; xxxvi, 954; xxxix, 295; Witzel's method of, xviii, 555, 638; by Witzel's method, later conditions after, xix, 238.
- Gastrotomy** for digital exploration of the œsophagus, vii, 221; with double stricture of the œsophagus, v, 145; for extra-uterine gestation, ii, 172; fixation of stomach by hare-lip pins in, i, 341; for foreign bodies, v, 124; xiv, 423; for foreign body in œsophagus, xxiii, 415; Hahn's method for, xii, 214; for malignant stricture of œsophagus, viii, 212; observations on the operations of, vi, 516; for stricture of œsophagus, xix, 385; successful case of, i, 342.
- Gastrovaginal fistula**, case of, iv, 459.
- GATCH, WILLIS D.**: The sitting posture, its postoperative and other uses, xlix, 410.
- Gauze-bearing tape** in abdominal surgery, xxxviii, 778.
- Gauze dressing**, sticky, iii, 523.
- Gauze-ether anæsthesia**, method of; its effect on acetonuria, xlvi, 460.
- Gauze pack**, inconsistencies of, xviii, 219.
- Gauze sponge** left in hernia wound, removal two and a half years later, xlix, 814.
- Gauze tampons**, use of in intestinal surgery, xxiii, 294.
- GAYLORD, HARVEY R.**: Pathology of so-called bone aneurisms, xxxvii, 834.
- GEFFREIER**: Chloroform in tracheotomy, xv, 447.
- GEIS, NORMAN PHILIP**: Parathyroid glands, xlvii, 523.
- GEISLER, DR.**: Inoculability of carcinoma, xix, 718; successful transplantation of carcinoma in dogs, xxiii, 237.
- General and minor surgery**, cocaine in, iii, 58.
- Generative organs**, diseases of female, xxvii, 129, 333, 491; operative treatment of carcinoma in the female, xxii, 462; operative treatment of carcinoma in the male, xxii, 472.
- Genial tubercle**, separation of, complicating fracture of the lower jaw, xix, 653.
- Genital bandage**, four-tailed, xlvi, 922.
- Genital organs**, male, tuberculosis of, xxxvii, 152.
- Review of Book: Malformations of the Genital Organs of Women, by Debiene, xlii, 964.
- Genital parts**, male, flaying of the, iii, 35.
- Genital tuberculosis**, xxxiv, 601.
- Genitals**, frost-bite of external, in a parturient woman, xi, 396; severe injuries of female, x, 231; wound of female, xii, 79.
- Review of Book: Diseases of External Female Genitals, by Zweifel, vi, 367.
- Genito-urinary calculus**, surgical management of, xv, 169; lesions, xv, 64; surgery, cocaine in, iii, 59.
- Reviews of Books: Diseases of the Genito-urinary Organs and the Kidneys, by Greene and Brooks, xlviii, 317; Diseases of the Genito-urinary System, by Fuller, xxxiii, 106; Genito-urinary and Venereal Diseases, by Chetwood, xvi, 502; Genito-urinary and Venereal Diseases, by Schmidt, xxxvii, 633; Genito-urinary Diseases, by Taylor, xl, 1042; Surgery of the Genito-urinary Organs, by Gouley, xlvi, 646; Surgical Diseases of the Genito-urinary Organs, by Keyes, xxxviii, 153; Surgical Diseases of the Genito-urinary Tract, by Lydston, xxxi, 268; Text-book of Genito-urinary Diseases, by Casper, xlv, 155; Text-book of Genito-urinary Diseases, Syphilis, and Diseases of the Skin, by Bangs and Hardaway, xxviii, 151; Text-book of Genito-urinary Surgery and Ve-

- nereal Diseases, by White and Martin, **xxv**, 792; Treatise on Diseases and Surgery of the Genito-urinary System, by Watson and Cunningham, **xl**, 735.
- Genu valgum** and osteoclasia, **vii**, 71; osteotomy for, **i**, 492.
- Varum**, and, discussion and therapy of, **viii**, 231; redressment for, **xii**, 468; treatment of, **xi**, 300.
- GEORGE, GILBERT D.: Case of obstruction of cystic duct accompanied by icterus, **xxvi**, 284.
- GERMAIN, HARRY H.: Pelvic connective-tissue, **xl**, 929.
- German Congress of Surgery**, programme for 1893, **xvii**, 510; for 1894, **xix**, 511; proceedings 1905, **xlii**, 936; 1906, **xliv**, 727; 1907, **xlvi**, 924; 1908, **xlvi**, 772.
- German Hospital of Philadelphia**, report of Saturday surgical clinics for students held at, 1905-1906, **xl**, 431; 1906-1907, **xlvi**, 761; 1907-1908, **xl**, 824.
- German statistics** in prognosis and treatment of extra-uterine pregnancy, **xv**, 502.
- GERRISH, F. H.: Surgical treatment of malignant tumors of the fauces, **iv**, 387.
- Gersuny's operation** for the cure of enuresis, **xlvi**, 792.
- GERSTER, ARPAD G.: Advantages of suprapubic lithotomy, **iv**, 298; appendicitis, **xvii**, 203; appendicitis complicating pregnancy, **xxvii**, 659; arterio-venous aneurysm, **xix**, 365; cholelithotomy, **xvii**, 207; contribution to the surgery of the rectum, **xlviii**, 189; control of hemorrhage in nephrectomy, **xlvi**, 1058; cranial heteroplasty with gold plate, **xxi**, 317; dermoid rupturing into intestine, **xxi**, 594; ectopic gestation, **vi**, 94, 95, 281; early recurrences following excision of malignant disease, **xvii**, 709; empyema of gall-bladder, **xix**, 244; enormous tumor of the ovary, **xix**, 95; excision of the Gasserian ganglion, **xxiii**, 58; excision of scapula for sarcoma, **xxxi**, 257; experience in operations for appendicitis without division of muscular fibres, **xxi**, 311; exploratory laparotomy after abdominal wounds, **xix**, 91; excision of the knee-joint for tuberculosis, **vi**, 318; extirpation of goitrous tumor, **i**, 65; foreign body in bronchus, **xxviii**, 658; fracture of neck of humerus, with dislocation of head, **xxvii**, 660; hemorrhage during reaction in a wound made for ligation of the superficial femoral artery, **xix**, 242; hydronephrosis for ureteral calculus, **xxvii**, 543; hypertrophy of tibia, **xix**, 616; intestinal obstruction after excision of gangrenous appendix, **xix**, 682; laparotomy for strangulated hernia, **xxi**, 596; modern operative treatment of tubercular joint affections, **vii**, 241; neurectomy for trifacial neuralgia by Lossen's method, **xxi**, 320; old dislocation of hip-joint, reduced by arthrotomy, **xvii**, 586; open treatment of acute phlegmonous inflammation of the knee-joint, **xxii**, 503; operation for undescended testicle and inguinal hernia, **xxvi**, 365; operations for neoplasms of the tongue, **xx**, 72; operations upon the stomach, **xl**, 761; operative treatment of carcinoma of the rectum, **xxii**, 485; operative treatment of hernia, **xxi**, 590; osteoplastic substitute for defect of tibia, **xxii**, 510; paraplegia from spinal fracture, **xxi**, 49; partial thyroidectomy for exophthalmic goitre, **xxi**, 318; plastic operation on the hand, **xix**, 611; possibility of partial fracture of patella, **xxi**, 313; reduction of old dislocation of shoulder by open section, **xxi**, 300; relation of the weather to fatality following surgical operations, **xxiii**,

- 603; remarks on operations without general anæsthesia, **xxvii**, 667; remarks on strangulated hernia, **xxv**, 367; removal of appendix after incision of appendical abscesses, **xix**, 679; retroperitoneal fibrolipoma, **xxvii**, 657; sarcoma of retained testicle, **xxvii**, 649; splenectomy for rupture of spleen, **xlvi**, 442; stenosis of aperture of cholecystenterostomy, **xxi**, 486; stenosis of œsophagus relieved by retrograde dilatation, **xxi**, 306; subphrenic abscess and pyæmia, **xxvii**, 647; subphrenic abscess and pyopneumothorax, **xxvii**, 647; surgical dissemination of carcinoma, **ii**, 98; technic of carcinoma of breast operations, **xlvi**, 445; temperature of saline intravenous infusions, **xxi**, 305; torsion for the cure of rectal incontinence, **xix**, 612; total extirpation of ureter after nephrectomy, **xxvi**, 361; transverse incision in renal operations, **xix**, 94; treatment of angiomas of the extremities, **xix**, 685; treatment of elbow fractures, **xix**, 237; treatment of perforative peritonitis, **xlvi**, 1046; treatment of ruptures of the quadriceps extensor tendon, **xxii**, 507; trephining for epilepsy, **xix**, 617; tuberculosis of the bladder, **xxii**, 513; unilateral extirpation of the larynx, **iii**, 20; value of cocaineization of the nasal mucous membrane before and during surgical anæsthesia, **xxiii**, 1, 62, 64; value of the Trendelenburg position for suprapubic cystotomy, **xxviii**, 249; wound of bladder during an operation for hernia, **xxi**, 707.
- GESSNER, HERMANN B.: Matas's operation for aneurism, **xli**, 115.
- Gestation, ectopic, **vi**, 94, 95, 281.
- GIBB, JOSEPH S.: The galvanocautery in the surgery of the tonsils, **xxvi**, 103; tonsillotomy, **xxvi**, 135.
- GIBBON, JOHN H.: Abdominal contusions, **xxxvii**, 623; abscess of liver, **xxxvi**, 148; acute carcinoma of the breast, **xliv**, 152; amputation of leg during intraneural cocaine anæsthesia, **xxxvii**, 116; anthrax, **xxxv**, 527; appendicitis complicating typhoid fever, **xliv**, 612; carcinoma of stomach, **xliv**, 972; carcinoma of the tongue, **xliv**, 319; cholecystitis following typhoid fever, **xxxiii**, 70; chronic obstruction of bowels, **xxxix**, 450; cure of direct inguinal hernia, **xliv**, 153; diagnosis of renal disease and sufficiency, **xlvi**, 639; drainage in empyema of the chest, **xxxvii**, 956; effects of air introduced into veins during saline infusions, **xl**, 154; effects of bile in peritoneal cavity, **xl**, 431; effects upon glandular tissue of exposure to X-rays, **xliv**, 460; end-to-end anastomosis of brachial artery, **xlvi**, 154; endoaneurismorrhaphy (Matas), **xlvi**, 366; endothelioma of the palate, **xliv**, 781, 782; enterorrhaphy with aid of the O'Hara forceps, **xxxiv**, 41; excision of branchial fistula, **xliv**, 790; experience with Meckel's diverticulum, **xliv**, 124; false aneurism of femoral artery, **xlvi**, 464; fracture of the patella treated by suture, **xxxix**, 1021; gangrenous cholecystitis, **xxxvii**, 115; gangrenous hernia, **xliv**, 154; gas-ether anæsthesia, **xlvi**, 480; hernia cerebri, **xlvi**, 147; hypernephroma of the kidney, **xliv**, 428; hydronephrosis and distention of urinary bladder, **xliv**, 779; intestinal perforation three weeks after operation for strangulated hernia, **xxxviii**, 132; large cystic kidney, **xliv**, 959; left femoral hernia containing cæcum, appendix, and colon, with omentum, **xl**, 154; malposition of kidney, **xxxiii**, 74; management

of premaxillary bone in operations for harelip, **xxxix**, 1031; Matas's operation for aneurism, **xlii**, 124; melanotic sarcoma of shoulder, **xlvi**, 464; cesophagotomy for impacted coin, **xlvi**, 296, 298; operation for perforating typhoid ulcer, **xli**, 287; operations for perforating gastric ulcer, **xli**, 289; operative treatment of perforated typhoid ulcer, **xxxix**, 123; pancreatic cyst, **xlii**, 131; peptic ulcer after gastroenterostomy, **xlvi**, 1051; perforating gastric and duodenal ulcers, **xlix**, 731; pericæophageal abscess containing a swallowed foreign body, **xliii**, 769; peritonitis without visceral lesion, **xliv**, 952; phantom ureteral calculi, **xl**, 317; postoperative treatment, **xli**, 298, 328; prepatellar bursa, **xliii**, 158; rectal transplantation of ureters for exstrophy of the bladder, **xli**, 470; renal calculus with maggots within the stone, **xliii**, 778; resection of the colon for cancer and tuberculosis, **i**, 571; resection of ileocæcal coil for tuberculosis, **xl**, 783; rupture of kidney, **xl**, 309; rupture of the spleen, **xxxviii**, 123; **xlvi**, 152; sarcoma of the kidney, **xlix**, 429; sarcoma of ovary, **xli**, 300; stab wound of the diaphragm, **xlvi**, 634; stab wound of heart, **xl**, 793; stone in cystic duct, **xliii**, 157; surgery of the vascular system, **xli**, 484; surgical affections of kidneys, **xlvi**, 1059; three cases of perforating gastric ulcer and one case of perforated duodenal ulcer, **xxxix**, 109; tibial transference, **xlii**, 301; transperitoneal examination of the ureter in cases of suspected ureteral calculus, and the combined ultra- and extra-peritoneal ureterolithotomy, **xliii**, 742; traumatic asphyxia, **xlix**, 877; treatment of dilatation of stomach, **xl**,

281; treatment of perforative peritonitis, **xliii**, 314; two cases of left cæcal hernia, **xxxiv**, 155, 316; ulcer of stomach relieved by gastroenterostomy, **xl**, 432; ureterolithotomy, **xliii**, 776; use of chloride of ethyl as a general anæsthetic, **xlvi**, 795; volvulus of the small intestine in typhoid fever simulating perforation, **xliv**, 311.

GIBBS, H.: Miescher's and Rainey's corpuscles in actinomycosis, **xi**, 96.

GIBNEY, VIRGIL P.: Ankylosis of knee with inward rotation of leg, **xxv**, 93; closure of sinuses and abscesses in tubercular bone lesions, **xxviii**, 516; club-foot due to exostosis of fibula, **xix**, 679; congenital dislocations of the knee, **xxix**, 346; contribution to the study of hip-disease, **xxviii**, 435; correction of deformity following excision of knee, **xxvi**, 357; deformity of shoulder-joint, **xl**, 455; flat-foot, **xi**, 41; multiple congenital deformities, **xxv**, 94; old dislocation of hip reduced by arthrotomy, **xvii**, 587; operative procedures in congenital and traumatic dislocations of the hip in children, **xx**, 621; operative treatment of club-foot, **xix**, 367; operative treatment of talipes calcaneus paralyticus, **xi**, 240; orthopædic operations, **xxv**, 315, 368; round-celled sarcoma of the dorsal spine, **xlvi**, 819; supramalleolar osteotomy for obstinate club-foot, **xxviii**, 517; tibiofibular osteoplasty, **xxiv**, 49; transverse incision of the knee-joint for drainage in severe infections, **xl**, 464; treatment of club-foot by the Thomas wrench, **ix**, 101; treatment of old displacements of the upper end of the femur, **xx**, 80; value of resection in joint tuberculosis, **xxviii**, 256.



GIBSON, CHARLES LANGDON: Abscess of liver, xxxiv, 184; abscess of liver after appendicitis, xlix, 858; acute intestinal obstruction from strangulation of Meckel's diverticulum, xlv, 309; administration of ether, xxviii, 525; amputation of leg for perforating ulcer of leprosy, xxviii, 256; angioma of tongue and mouth, xxxii, 129; ball-valve tumor of stomach, xlv, 130; blepharoplasty by pregrafted flap, xlv, 775; carcinoma of the male breast, xliii, 301; xlviii, 464; carcinoma of the transverse colon, l, 497; carcinoma of the urinary bladder, l, 498; cholecystectomy and choledochotomy, xxxi, 764; xxxvii, 779; cholecystotomy, xxxv, 648; choledochoduodenostomy, xxxvii, 779; choledochotomy, xxxv, 643; compound fracture of radius and ulna, xlix, 561; diagnosis of status lymphaticus, xxxv, 641; embolic gangrene of leg as sequel to acute lumbar pneumonia, xxxviii, 380; endothelioma of the parotid gland, xxxviii, 112; epithelioma of bladder, xlix, 553; epithelioma of penis, xlviii, 450; excision of anthrax pustule, xlvii, 123; excision of head of humerus for dislocation, xxviii, 646; exophthalmic goitre—novocain anæsthesia, l, 495; gall-stone wrapped in iodoform gauze, xl, 133; gall-stone in youth, xxxvi, 143; gastro-enterostomy for ulcer of the stomach, xxxiv, 304; ileocolic intussusception, xlv, 619; improved method of approach in ureteral calculus, xlviii, 445; incomplete intestinal obstruction, cæcostomy under cocaine, xlv, 624; intestinal obstruction from adherent Meckel's diverticulum, xliii, 299; intestinal obstruction by band, xxxvii, 781; interstitial pancreatitis, xxxv, 105; late results of a case of im-

plantation of bone-chips in a cyst of the tibia, xxvi, 223; modified incisions for abdominal sections, xxxiii, 490; multiple spontaneous fractures, xli, 451; myoma of uterus, xxxi, 763; new method of performing perineal section without a guide, xxxviii, 518; notes on volvulus, xxx, 101; operation for epithelioma of heel, xliii, 609; operations on diabetics, xxxi, 502; operations for neoplasms of tongue, xlv, 626; operative procedures in advanced age, xviii, 426; osteoplastic amputations, xxxiii, 637; pancreatic fistula, xxxi, 628; partial resection of kidney, xlix, 542; penetrating gunshot wound of thorax and abdomen, xxxv, 638; perforating gastric ulcer, xlviii, 460; perineal prostatectomy, xliii, 619; prevention of intestinal obstruction after operations for appendicitis, xlix, 272; prostatic abscess, xlix, 563; pylorotomy for carcinoma, xlii, 116; rational treatment of non-malignant and borderline tumors of the breast, xlix, 478, 557; recurrent villous carcinoma of bladder, xl, 261; remarks on primary cholecystectomy, xl, 129; resection of both poles of the kidney for suppurative nephritis, xliii, 917; resection of epididymis for tuberculosis, xxx, 649; results of neurectomy for torticollis, xli, 769; results of operations for prostatic hypertrophy, xxxviii, 306; sarcoma of ovary, xxxi, 763; sarcoma of shoulder, xxxi, 373; sinus after incomplete nephrectomy, xli, 784; slough of gall-bladder associated with intestinal obstruction, xl, 133; status of a case four months after right nephrectomy, xlv, 457; stricture of œsophagus, xlv, 620; stricture of urethra, rupture and extravasation of urine, xxxv, 816; study of

- one thousand operations for acute intestinal obstruction and gangrenous hernia, **xxxii**, 486, 611, 679; sympathectomy for glaucoma, **xxxvi**, 379; treatment of appendicitis, **xlvi**, 159; treatment of rupture of the intestine, **xxxiv**, 295; tuberculosis of the breast, **xlvi**, 118; tuberculosis of the bursa, **xlvi**, 118; tuberculosis of the pericardium cured by incision and drainage, **i**, 350; tumor of the parotid, **xxxi**, 730; tumor of sigmoid, **xxxi**, 763; unilateral infection of kidney, **xlvi**, 1059; value of differential leucocyte count in acute surgical diseases, **xlvi**, 485; 625.
- GIBSON, JOHN H.: Malignant tumors of breast **xlvi**, 318; rhinophyma, **xlvi**, 320.
- Gigli's wire saw, **xxvii**, 658.
- GILLETTE, WILLIAM J.: Ligation of left common iliac artery, **xlvi**, 22.
- GILMER, THOMAS L.: Cystadenoma of jaw, **xliv**, 628.
- GIRDNER, J. H.: Abnormal frangibility and delayed and non-union of fractures of long bones in general paretics, **vi**, 28.
- Gland or glands, conditions consequent to extirpation of thyroid, **iii**, 165; early removal of caseous lymphatic, **i**, 566; gangrene of the scrotum after removal of enlarged inguinal, **iii**, 40, 90; lesions caused by eggs and embryos of *Bilharzia hamatobia* in mesenteric, **iv**, 350; primary carcinoma of, **ii**, 154; removal of inguinal, **iii**, 411; suppuration of mediastinal, **i**, 361; surgery of scrofulous, **i**, 566; tuberculosis and early treatment of, **ii**, 71; tuberculosis of mammary, **iv**, 159.
- Glanders, **xiv**, 248; **xv**, 52; bacteriology of, **iv**, 217; in the human subject, **xlvi**, 444; in the human subject, report of a case of laboratory origin, **xl**, 109.
- Review of Book: Glanders and Splenic Fever, by Koch, **iv**, 283, 288.
- Gland-tubes, Bochdalek, of the root of the tongue, origin of ranula from, **v**, 144.
- Glandular tissue, effects of exposure of, to X-rays, **xlvi**, 431, 460.
- Glandular tumor of groin, **v**, 11.
- Glass, passage of a large piece of, through the alimentary canal, **xviii**, 579.
- Glass-blowers' deformity of hand, **viii**, 151.
- Glaucoma, removal of superior cervical sympathetic ganglion for, **xxv**, 816; sympathectomy for, **xxxvi**, 379; treatment of, by cervical sympathectomy, **xxx**, 121.
- Gleet, treatment of, by medicated metal bougies, **iii**, 431.
- GLEISS: Nerve suturing, **xviii**, 229.
- Glioma, **iv**, 171.
- Glisson's capsule, puncture of, for chronic congestive hypertrophy of liver, **v**, 228, 234.
- Globe of eye, conditions demanding excision of, **xvi**, 211.
- Glossitis, **v**, 64, 66; hemi-, **v**, 354.
- Glottis, oedema of, **iv**, 336.
- Gloves, use of, in surgical operations, **xxvii**, 224; **xxviii**, 108; **xli**, 774.
- Gluteal aneurism, **v**, 55.
- Gluteal artery, rupture of, **i**, 477.
- Glycerin intoxication after injections of glycerin and iodoform, **xxii**, 128; as a surgical dressing, **iii**, 253.
- GOEBELL, DR.: Extirpation of prostate, **xlvi**, 943.
- GOELET, AUGUSTIN H.: Method of suturing prolapsed kidney, **xxxviii**, 769.
- GOELTZ, FRANCIS A.: Successful anterior thoracobronchotomy for foreign body impacted in the bronchus, **xlvi**, 369.
- Goitre, **xxxiii**, 212; **xlvi**, 317; two cases of, **xlvi**, 842.
- Contributions to theory of, **v**, 61.
- Cystic, anatomy of a case of, **xlvi**, 327; treatment by iodine injections, **i**, 282.
- Effect of X-rays on, **xlvi**, 578.

- Electropuncture in parenchymatous, **viii**, 307.
- Enucleation, intraglandular, Socin's method of, **x**, 197; method for facilitating, **xxviii**, 737.
- Excision of, **xxiii**, 288; fifty, **ix**, 294; report of one thousand cases, **xxiv**, 99.
- Exophthalmic, **xxi**, 66; death after operation for, **xxxv**, 288; excision of cervical sympathetic ganglia for, **xxxiii**, 469; extirpation of, **xxii**, 792; ligature of thyroid arteries for relief of, **iv**, 523; **x**, 199; **xii**, 228; novocain anæsthesia, **i**, 495; occurring in a dog, **xlvi**, 541; —operation in three stages —local anæsthesia, **i**, 491; operative treatment of, **xxxvi**, 397; partial thyroidectomy for, **xxi**, 318; results of surgical treatment of, **xlili**, 335; surgical treatment of, **xxxvii**, 958; thyroidectomy for, **xlvi**, 33; thyroidectomy and sympathectomy for, **xxxviii**, 161; treated by ligature of all four thyroid arteries, **xxxv**, 412; use of thyroid serum in the treatment of, **xlvi**, 789.
- Extirpation of, **i**, 65; **x**, 272; **xi**, 119, 120; Bardeleben's, **vii**, 290; cancerous, **xviii**, 553; total, **ix**, 296.
- Followed by tetanus, **xi**, 223.
- Histopathology of, **i**, 84.
- Lingual, **xl**, 323; **xlvi**, 826.
- Operations for, **xii**, 161; **xvi**, 156, 346, 436; **xxxv**, 813; at the Breslau clinic, **xxxi**, 660; at the Heidelberg clinic, **xxxi**, 122; permanent results from, **xlvi**, 944; series of, **xxi**, 613; three hundred, in the Tübingen clinic, **xxv**, 374.
- Psychic factor in surgical aspects of, **xlvi**, 164, 1061.
- Recurrent, **xlvi**, 131.
- Removal of, under cocaine anæsthesia, **xxv**, 720; followed by aphonia, **xxx**, 642; partial, without tamponade or loss of blood, **ix**, 295.
- Resection of, **iii**, 165.
- Stenosis of trachea, from, **i**, 281.
- Substernal, case of, **xxvii**, 764.
- Suppurating, treatment of, by incision and drainage, **xxix**, 632.
- Surgical treatment of, **xxix**, 523; **xxxviii**, 202.
- Symptoms and operative treatment of, **xxx**, 564.
- Thyroidectomy for, **xxv**, 624.
- Treatment by injections of osmic acid, **xiv**, 419; modern, **Bruns** on the evolution of, **xxv**, 507; present state of, **i**, 351.
- Tuberculous, **xviii**, 468.
- Review of Book: Surgical Treatment of Goitre, by **Wölfler**, **vi**, 286.
- GOLDEN, WILLIAM W.**: Rupture of the intestine, **xliv**, 669.
- GOLDMANN, E. E.**: Diffusion of carcinoma through the veins, **xxv**, 512.
- GOLDTHWAIT, JOEL E.**: Operation for the permanent dislocation of the patella, **xxix**, 62.
- GONNESCO**: Internal retroperitoneal herniæ, **xiv**, 307.
- Gonococcus peritonitis**, **xlvi**, 924; acute diffused, **xxxv**, 276.
- Gonorrhœa**, **xv**, 55; bacteriology of, **iv**, 150; chronic, treatment of by means of grooved bougies, **iv**, 374; complicated by peritonitis in the male, **xxi**, 140, 175; mixed infection, **ix**, 68; treated by oil of iodoform, **vii**, 301.
- Gonorrhœal arthritis**, **v**, 173; **xxv**, 664.
- Gonorrhœal epididymitis**, acute, operative treatment of, **xlvi**, 876; treated with clay, **i**, 372.
- Gonorrhœal inflammation** of joints, tendon-sheaths, and bursæ, **xxvi**, 737; of para-urethral glands, **xi**, 142.
- Gonorrhœal osteomyelitis**, **xlvi**, 121.
- Gonorrhœal peritonitis**, **xxxvii**, 619; acute diffuse, **xlvi**, 111.
- Gonorrhœal pyelitis**, **xlvi**, 787.
- Gonorrhœal pyosalpinx**, laparotomy for, **v**, 90.
- Gonorrhœal rheumatism**, relation of, to seminal vesiculitis, **xlvi**, 903.
- Gonorrhœal salpingitis**, **vi**, 277.

- Gonorrhœal synovitis**, **xxviii**, 725.
- GOODMAN, CHARLES**: Acute diffuse gonorrhœal peritonitis, **xlvi**, 111.
- GOODMAN, EDWARD H.**: Value of the Cammidge reaction in the diagnosis of pancreatic disease, **xlx**, 183, 293.
- GOODRICH, CHARLES H.**: Appendicitis and tetany, **xlili**, 859; the geographical distribution, prophylaxis, and treatment of tetanus, **xxvi**, 710.
- GORDON, DONALD, JR.**: Plans of a sanitary animal cage for laboratory use, **xxxix**, 991.
- GORDON, G. S.**: Hernia of stomach through the diaphragm into the thorax, **xl**, 680.
- Gottingen operations** for knee-joint disease, **ii**, 514.
- GOTTSTEIN, DR.**: Laryngectomy, **xxxv**, 621.
- GOULD, ALFRED H.**: Case of malignant œdema, **xxxviii**, 481.
- GOULD, A. P.**: Pneumotomy, **i**, 357; treatment of aneurism, **iv**, 47.
- Gout** simulating myositis ossificans, **xl**, 605.
- Gouty deposits**, excision of, **xxv**, 633.
- GRAFF, H.**: Antiseptic surgical precautions of special importance to the general practitioner, **vii**, 257; new method of closing the canal in radical operations for hernia, **xix**, 586.
- Grafts**, bone, **v**, 440; experiments upon, **ii**, 430; ivory in cranial defects, histological history of, **xxix**, 290; periosteum, **ii**, 514.
- Mucous membrane, **ix**, 73.
- Nerve, failure of, **v**, 348.
- Skin, from dead bodies, **xii**, 354; from puppy, **xii**, 136; according to Thiersch, **ix**, 179, 290, 357.
- Tendon, **v**, 348.
- GRAHAM, D. W.**: Appendicitis followed by suppurative pylephlebitis, **xxxvii**, 471; appendicitis with perforation of the duodenum, **xl**, 447; carbuncle, **xxxvii**, 471; fibroma of ovary, **xxxvii**, 468; partial gastrectomy for carcinoma, **xlili**, 801; sacculated bladder, **xxxvii**, 470; treatment of scoliosis by massage, **vi**, 485; uterine fibroma, **xxxvii**, 470.
- GRANT, H. HORACE**: Improved clamp for facilitating lateral anastomosis of intestine, **xxiii**, 38; operations for rupture of the bladder, **xix**, 384; suggestions as to the technic of intestinal anastomosis, **xv**, 126.
- GRANT, W. W.**: Bridge for treatment of nasal fractures and deformities, **xxxviii**, 441.
- Granulation tissue** of repair, relations of, to the infective granulomata and to the sarcomata, **xxv**, 768.
- Graves's disease**, extirpation of goitre in, **xi**, 119; psychic factor in the surgical aspects of, **xlvi**, 864, 1061; treated by ligation of all four thyroid arteries, **xxxv**, 512; treatment of, by sympathectomy, **xxx**, 121.
- Gravity pad** in abdominal surgery, **xxxviii**, 778.
- GRAY, FRANK D.**: Possibilities and limitations of brain surgery, with special reference to traumatism, **xl**, 531; revival of suprapubic prostatectomy, **xxxix**, 920.
- GRAY, H. TYRRELL**: Invagination of Meckel's diverticulum, **xlvi**, 801.
- GREEN, NATHAN W.**: Experimental studies upon the thoracic œsophagus—a preliminary report, **xlvi**, 544.
- GREENOUGH, ROBERT B.**: Cystadenomata of breast, **xl**, 188; end results of operations for carcinoma of the breast at the Massachusetts General Hospital, **xlvi**, 20.
- GREENSFELDER, LOUIS A.**: Coxa vara, **xlili**, 630, 954; diagnosis of œsophageal lesions, **xlili**, 947; diagnostic value of potassium iodide in syphilis, **xliv**, 624; intussusception, **xli**, 304; subphrenic abscess after ap-

- pendicitis, **xxxvii**, 473; thrombosis of superior mesenteric artery, **xli**, 302, 310; xanthoma infantum, **xxxix**, 460.
- Greenstick fracture** of the ribs, **xxxiii**, 66; skiagraphs of, **xxxi**, 263.
- GRIFFITH, FREDERIC**: Lip-tie, **xxxix**, 433; trigger finger, **xxxvi**, 588.
- Gritti's amputation**, **xxxii**, 602; with nerve-blocking and regional anæsthesia, **xlvi**, 903; osteoplastic, **vii**, 294; X-ray findings in, **xlili**, 751.
- Groin**, congenital tumors of, **xlili**, 718; recurring sarcoma of, **vi**, 44; wound of vein in, **v**, 11.
- GRONER, F. J.**: Fracture of femur complicated with sacro-iliac dislocation, **i**, 463.
- GROSS, S. D.**: Autobiography of (review of), **vii**, 230; wounds of the intestines, **i**, 45.
- Gross Prize** of the Philadelphia Academy of Surgery, **xxix**, 660.
- GROVES, ERNEST W. H.**: Appendicostomy in conditions of acute peritonitis, **i**, 1334.
- Guermontprez's method**, reduction of backward dislocation of femur by, **xii**, 453.
- Gum**, removed from bladder, **xlili**, 317.
- Gummata** of elbow and knee-joint, **xv**, 504; syphilitic, at margin of anus, **iv**, 87.
- Gums**, bilateral growth of, **xxxiii**, 765; unilateral hypertrophy of, **iii**, 1.
- Gun**, perforation of bowel from kick of, **xxxiii**, 648.
- Gunshot fractures** of extremities, **xliv**, 746; of forearm, **xl**, 970.
- Gunshot wounds**, **vi**, 49, 134, 152, 165, 168, 369, 504, 505, 507; with death, **iv**, 477, 528; multiple, **xxx**, 508; in the Philippino-American war, **xxxiii**, 113.
- Abdomen**, of, **ii**, 420, 422; **iii**, 89, 243, 422; **v**, 465; **viii**, 313; **xxxiv**, 832; **xxxv**, 116, 122; **xlvi**, 1049; involving stomach and jejunum, complicated with pregnancy, **xlvi**, 857; laparotomy for perforating, with recovery, **iv**, 344, 468, 528; necessitating colicystorrhaphy and enterorrhaphy, **xvi**, 574; penetrating, eight cases of, **xxviii**, 487.
- Abdominal viscera**, of, laparotomy for, **xii**, 231.
- Blood-vessels**, of, **xliv**, 745.
- Brain**, of, **xlvi**, 140, 465.
- Fecal fistula** following, **xxxiv**, 424.
- Forearm**, of, tetanus after amputation for, **xliv**, 131.
- Gall-bladder and liver**, of, **xxxix**, 100.
- Gastro-intestinal tract**, of, **xvi**, 274.
- Heart**, of the, **xxxvi**, 550; **xliv**, 770.
- Humerus**, of conservative treatment of, **ix**, 463; head of, **xxxix**, 1006.
- Intestine**, of, **v**, 148, 150, 151, 154, 155, 156, 371; **vii**, 379, 398; **viii**, 147, 149, 257, 314; **x**, 305; **xi**, 272, 401; multiple, **xxii**, 379; resection for, **xxxiii**, 474; twenty-one, perforating, **xlili**, 313.
- Joints**, of, **xliv**, 743; indications for excision after, **v**, 326; results of large, **xxxvi**, 368.
- Kidney**, of, perforating, **xxiv**, 717.
- Knee-joint**, of, **iii**, 528.
- Left hypoglossal nerve**, of, **xlvi**, 155.
- Liver** of, **v**, 225; **viii**, 81, 213.
- Lungs**, of, **xxvii**, 97.
- Palate**, of, **v**, 351.
- Pancreas**, of, **v**, 335.
- Skull**, of, **xliv**, 749; and internal carotid, **v**, 350.
- Spinal cord**, of, **xliv**, 757; **xlvi**, 467; suture for, **xlvi**, 507.
- Spine**, of, healed, **iv**, 447.
- Stomach**, of, **viii**, 81; laparotomy for, **v**, 371; lesions associated with, **xliv**, 699; with posterior drainage, **xlvi**, 623.
- Thorax and abdomen**, of, penetrating, **xxxv**, 638.
- Trachea**, of, **ii**, 262.



- Review of Book: Primary Antiseptic Healing of Gunshot Wounds, by Newell, viii, 476.
- GURD, FRASER B.: Intracranial abscess due to the typhoid bacillus, **xlvi**, 4.
- GUTHRIE, C. C.: Reversal of the circulation in a limb, **xlvi**, 203.
- GUTHRIE and WILSON: Congenital unilateral absence of the urogenital system, **i**, 907.
- Gutta-percha for nasal bridge, **xli**, 947; use of, for correcting nasal bony defects, **xlii**, 456.
- Guyon's method of evacuating debris after lithotomy, **xvi**, 457.
- GWYER, FREDERICK WALKER: Artificial bridge of nose, **xxxiii**, 44; electrolysis in the treatment of fibrous ankylosis, **xviii**, 208; lymphatic constitution, the care of the lymphatics during and after surgical operations, **xxxix**, 641, 814; operation for saddle-nose, **xxxiv**, 268, 306; relation of weather to fatality following surgical operations, **xxiii**, 369; sarcoma of the superior maxilla, **xxxiv**, 300; thymus gland, treatment of carcinoma, **xlvi**, 86, 643; **xlvi**, 506, 631; trephining in fractures of the base of the skull, **xxix**, 354; use of the galvanic current in the treatment of false ankylosis, **xxix**,

551, 627; value of salt solution in flushing out abdomen, **xxiii**, 440.

Gynæcological operations, combined, **xvi**, 480.

Reviews of Books: Gynæcological Diagnosis, by Findley, **xlvi**, 962; Hand-book of Pathology, by Orthmann, **xi**, 451.

Gynæcology, cocaine in, **iii**, 61.

Reviews of Books: Gynæcology, by J. Wesley Bovée, **xliv**, 795; *Idem*, by Chrobak, **ii**, 435; *Idem*, by Dudley, **xi**, 1038; *Idem*, by Emmet, **ii**, 350; *Idem*, by Garrigues, **xlvi**, 644; Gynæcology and Abdominal Surgery, edited by Howard A. Kelly and Charles P. Noble, **xlix**, 585; American Text-book of, **xx**, 249; **xxix**, 404 (second edition); Compend of Operative, by Bainbridge, **xliv**, 476; Manual of, **xxxvi**, 160; Manual of, by Byford, **xxxvii**, 314; Manual of, by Hart and Barbour, **xlvi**, 959; Medical, by Skene, **xxii**, 139; Operative, by Kelly, **xlvi**, 708; Practical, by E. E. Montgomery, **xlvi**, 962; Principles and Practice of, by Dudley, **xxxvi**, 810; Text-book of, by Pryor, **xxxix**, 634; Text-book of Practical, by D. Tod Gilliam, **xlvi**, 953; Text-book on the Practice of, **xlvi**, 167; Treatise on, by Pozzi, **xv**, 405, **xvi**, 186.

## H

- HADDON, JOHN: Case of catheter fever, **ii**, 239.
- HADRA, BERTHOLD E.: Enucleation of tumors of thyroid gland, **xxviii**, 737; improved method of brain localization in epilepsy, **xix**, 212; omental tumors due to adhesive inflammation, **xiv**, 36; perineotomy, **x**, 334.

Hæmangio-endothelioma of axilla, **xliv**, 629.

Hæmarthrosis of the knee-joint, conservative treatment of, **xiii**, 114.

Hæmatemesis in appendicitis, **xxxvi**, 966; gastro-enterostomy for, **xi**, 263, 500.

Hæmatocele, pathology of, **v**, 79; of tunica vaginalis testis, **i**, 371.

- Hæmatogenous infection**, acute, of one kidney in persons apparently well, **xlvi**, 680.
- Hæmatoma** of cranial cavity, **iv**, 232; of ear, **xii**, 219; of ileo-cæcal loop, simulating appendicitis, **xxv**, 188; intrameningeal, trephining in, **vi**, 251; of labium majus, traumatic, **xii**, 79; large traumatic subdural, with twenty-one days' free interval, **xxxiii**, 325; ossifying, **xviii**, 8, 558; traumatic subdural, **xxxiii**, 328.
- Hæmatomyelia**, primary focal, from traumatism, **xxix**, 395; traumatic, **xlvi**, 678.
- Hæmatosalpingitis**, **vi**, 276; **viii**, 69.
- Hæmaturia**, **xlii**, 602; from chronic nephritis, recovery after decapsulation of the kidney, **xxxix**, 370; as a complicating factor in appendicitis, **xlvi**, 237; congestive phenomena in the pathology of, **xxx**, 769; essential, **xlix**, 628, 652; essential, relieved by nephrectomy, **xlii**, 266, 268; fatal, without adequate kidney lesion, **xlii**, 268; nephrectomy for, **xlii**, 267; profuse, with macroscopically unaltered kidneys, **xxx**, 768; renal nephrectomy, **xlvi**, 460; symptomless, **xlvi**, 237; unilateral, of obscure origin, **xxx**, 770; unilateral, renal, due to pyelitis cystica, **xlvi**, 417.
- Hæmoglobin** in the blood in surgical diseases, **xii**, 269.
- Hæmolysis** as a test for cancer, **xliv**, 728, **xlvi**, 1063, **xlix**, 27.
- Hæmophilia**, capital operations in, **xvi**, 564; cases of, **i**, 567; cocaine as a hæmostatic in, **xviii**, 570; control of hemorrhage by use of thyroid extract in operation, **xlvi**, 787; death from hemorrhage after extraction of a tooth, **xix**, 603; treated by transfusion, **xlvi**, 625.
- Hæmophilic**, amputation of arm in an, **xvii**, 499; diseases of joints in, **xvi**, 287.
- Hæmophilic knee-joint**, **xlvi**, 666.
- Hæmoptysis**, pneumothorax for arrest of, **ii**, 262.
- Hæmostatic value** of steam, **xxiii**, 106, 107.
- Hæmothorax**, treatment of, **xxix**, 509.
- HAGNER, FRANCIS R.**: Further reports on the operative treatment of acute gonorrhœal epididymitis, **xlvi**, 876; symptomless hæmaturia, **xlvi**, 237.
- Hahn's method** for gastrotomy, **xii**, 214.
- Hair** (reviews of books on), Electricity in Removing Superfluous Hair and Other Facial Blemishes, by Hayes, **x**, 239; Practical Treatise on the Diseases of the Hair and Scalp, by Jackson, **vii**, 238.
- HALL, ERNEST**: Method for partial resection of eyeball and of the optic nerve, **xvii**, 640.
- HALL, J. BASIL**: Primary carcinoma of the bulbous urethra, **xxxix**, 375; splenopexy for wandering spleen, **xxxvii**, 481.
- HALL, J. N.**: Dislocation of hip in acute rheumatism, **xxxvii**, 563.
- HALL, R. J.**: Etiology of malignant tumors, **ii**, 450.
- Hallux flexus**, **vi**, 218.
- Hallux valgus**, **xxxvii**, 429, **xlvi**, 467; operative treatment of, **v**, 162, **xxv**, 444, 480.
- HALPENNY, J. A.**: Method to facilitate the avoidance of infection during the intestinal anastomosis, preliminary report, **xlvi**, 554.
- HALSTEAD, ALBERT EDWARD**: Acute postoperative dilatation of stomach, **xlvi**, 469; aneurism of the second part of the subclavian, **xxxvi**, 462; carcinoma of thyroid gland, **xlvi**, 630; dislocation of metatarsophalangeal joint, **xlvi**, 630; diverticula of œsophagus, **xxxix**, 171; exstrophy of the bladder, **xxxvii**, 293; floating bodies in joints, **xxii**, 327; hæmostatic scalp-suturing, **xli**, 795; hallux valgus, **xlvi**, 467, 469; hydrocele in the female, **xli**, 740, 796; inguinal hernia associated with two testes on same

side, **xlii**, 785; inguinoproperitoneal and inguino-interstitial hernia, **xliii**, 704, 790; interscapulothoracic amputation for sarcoma of scapula, **xxxix**, 134, 137; intestinal obstruction from Meckel's diverticulum, **xxxv**, 471; **xliv**, 634; ligation of the first portion of the right subclavian artery for aneurism of the third portion, **xxxi**, 591; oesophageal lesion, **xli**, 791; pancreatic cyst, **xxxix**, 458; peritoneal tuberculosis, **xxxiv**, 841; pseudoleukæmic glandular tuberculosis, **xlii**, 787; resection of lower jaw, **xli**, 625; sarcoma of the ilium, **xxxvi**, 461; sarcoma and myoma of stomach, **xliv**, 638; tubercular peritonitis, **xliii**, 799; tuberculosis of the mammary gland, **xxviii**, 685; venous angioma of hand, **xxii**, 393.

**HALSTED, WILLIAM S.**: Adenocarcinomata of the breast, a study of certain results of operations at Johns Hopkins Hospital, **xxviii**, 557; parathyroid glandules, their blood supply and their preservation in operation upon the thyroid gland, **xlvi**, 489; radical cure of inguinal hernia in the male, **xvii**, 542; results of operations for carcinoma of the breast, **xx**, 497; results of radical operations for the cure of carcinoma of the breast, **xlvi**, 1.

**Halsted's hammer** as an aid to suture of the common bile-duct, **xxix**, 481.

**Hamburg**, operating pavilion of new general hospital at, **xvi**, 371.

**Hammer-toe**, osteotomy for, **viii**, 460.

**HAMMOND, LEVI JAY**: Aneurism of the superior profunda humeri artery, **xxxiv**, 398; catheter fever, **xlxi**, 90; congenital elongation of the left lobe of the liver, **xli**, 31; gunshot wound of the thorax involving the heart, **xxxvi**, 550; possibility of operative relief

of certain forms of facial paralysis, **xxxvii**, 660; primary carcinoma of the vermiform appendix, **xlvi**, 192.

**Ham-rind**, as nucleus of vesical calculus, **xliv**, 479.

**HANCOCK, JOHN C.**: Appendix vermiformis concealed in the postcæcal retroperitoneal space, **xl**, 721; value and place of duodenocholedochotomy in gall-stone surgery, **xliii**, 69.

**HANCOCK, THOMAS H.**: Wyeth's method of hæmorrhage in amputation at the hip and shoulder, **xliv**, 98.

**Hand**, **vii**, 57, 296; aneurismal varix of, **xix**, 364; cleft, **xxiv**, 211; congenital deformity of, **xlvi**, 807; critical suggestions on cleansing the surgeon's, **xxxiii**, 349; deformities of, **iii**, 135, **xlvi**, 915; experiments relating to sterilization of the, **xxx**, 496; glass-blowers' deformity of, **viii**, 151; late secondary hemorrhage from a wound of, **viii**, 467; Madelung's deformity of, **xlvi**, 794; method of disinfection of physician's, **iv**, 66; plastic operation on, **xix**, 611; syphilitic tumor of, **viii**, 65; transplantation of skin from chest to, **iii**, 247; tuberculous synovitis of tendinous sheaths of, **iv**, 444.

Review of Book: Bacteriological Investigations on Hand-disinfection, by Sarwey, **xlii**, 961.

**Hand and foot**, hard traumatic oedema of dorsum of, **xxxviii**, 149; longitudinal incisions in resection of, **xiv**, 397.

**Hand-book of Treatment**, by Aitken (review of), **vii**, 239.

**Handicraft, Surgical**, by Pye (review), **iii**, 538.

**Hara-kiri**, case of, terminating in recovery, **xxvii**, 745, 783.

**HARE, HOBART A.**: Improved methods of anæsthesia, **xxviii**, 274; mediastinal surgery, **ix**, 480.

**Harelip**, 1, 489; death after operation, **xlii**, 507; in the Heidelberg clinic, **iii**, 80; manage-

- ment of premaxillary bone in operations for, **xxxix**, 1031; operations for, **i**, 159; **xxix**, 763; traction absorber, **xlix**, 591; treatment of intermaxillary bone in double, **xxxiii**, 791.
- Harelip and cleft palate**, **xxxix**, 283; mortality of operations for, **v**, 60; newer conceptions of operative technic in, **xlix**, 34.
- HARRIGAN, ANTHONY H.**: Fracture of os magnum, **xlvi**, 917.
- HARRINGTON, CHARLES**: Some studies in asepsis, **xl**, 475.
- HARRINGTON, FRANCIS B.**: Feasibility of intraperitoneal cystotomy, **xviii**, 408; hernia of the bladder through the pelvic floor from traction of a subperitoneal fibroma, **xxxii**, 369; subperitoneal pelvic fibromata, **xli**, 823; use of the segmented ring in gastric and intestinal anastomoses, **xl**, 748.
- HARRIS, H. F.**: Hypertrophic tuberculosis of intestine, **xxxvi**, 713.
- HARRIS, MALCOLM L.**: Abuse of cathartics in obstruction of bowels, **xliv**, 155; actinomycosis, **xli**, 630; best method of collecting the urine from the ureters for diagnostic purposes, **xxxii**, 149; classification of anuria, **xxxvii**, 626; coxa vara, **xlvi**, 636; diagnosis for renal calculi, **xxxiii**, 344; fractures of spine, **xxxviii**, 311; gall-stone surgery, **xli**, 317; hip injuries, **xxxiii**, 77; leucocytosis in typhoid ulceration, **xxxvi**, 625; operation for establishing collateral circulation in cases of cirrhosis of the liver, **xxxiii**, 655; operative treatment of old unreduced dislocations of hip, **xx**, 319; osteomalacia, **xl**, 288; prostatectomy, **xli**, 313; pure carbolic acid in hip-joint abscess, **xxxiii**, 657; removal of bladder and prostate for carcinoma through a suprapubic opening, **xxxvi**, 509; solid mesenteric tumors, **xxvi**, 66; splenectomy in splenic anemia or primary splenomegaly, **xxxiv**, 111, 193, 202; symptoms of ileus, **xxxiii**, 497; technic of operations upon head and neck, **xliv**, 467; tendon suture, **xxxiii**, 661; treatment of actinomycosis, **xxxvii**, 466; treatment of gunshot wounds of abdomen, **xlvi**, 1049; treatment of penetrating wounds of the stomach, with report of sixteen cases, **xxxix**, 356, 469, 473; treatment of peritonitis, **xlii**, 316.
- HARRISON, R.**: Treatment of stone in the bladder, **i**, 499.
- HARSHA, WILLIAM M.**: Abdominal wall suture, **xl**, 440; actinomycosis, **xli**, 792; actinomycosis of jaw, **xxxix**, 459; distended gall-bladder, **xlii**, 789; effect of X-rays on keloid, **xxxix**, 454; gangrene of leg following rheumatic endocarditis amputation, **xliv**, 635; intestinal obstruction from Meckel's diverticulum, **xliv**, 631; ovarian cyst with twisted pedicle, **xlii**, 790; pancreatic cyst, **xxxix**, 455; perforated gastric ulcer, **xliii**, 466; spontaneous fracture of fibula, **xliv**, 636; suppurating sarcomatous kidney simulating appendicitis, **xxxv**, 429; tubal pregnancy, **xxxv**, 430.
- HARTE, RICHARD H.**: Angioma of the lip, hand, and forearm, **xliii**, 454; appendicitis complicating typhoid, **xlii**, 611; caecal hernia, **xxxiv**, 441; case of hara-kiri which terminated in recovery, **xxvii**, 745, 783; cases of Littre's hernia, **xx**, 190; case of pyæmia due to appendicitis, **xx**, 422; cavernous angioma of the upper extremity, **xl**, 469; cholecystitis following typhoid fever, **xxxiii**, 71; cleft palate, **xxxix**, 1029; contusions of abdomen, **xxxiii**, 649; drainage empyema of the chest, **xxvii**, 957; effects of gastro-enterostomy in gastric ulcer, **xl**, 435; effects upon glandular tissue of exposure to X-rays,

xlili, 460; excision of wrist-joint, xxxii, 619; exstrophy of bladder, xli, 463; fracture of cervical vertebra, xxix, 638; fracture of clavicle associated with aneurism of subclavian, xxxvi, 146; gangrene of the rectum, xxviii, 395; greenstick fracture of the ribs, xxxiii, 66; gunshot wound of abdomen, xxxv, 116, 122; hernia cerebri, xlvii, 143; infections of knee-joint, xlv, 139; injuries at the hip, in aged persons, xxxvii, 118; intestinal perforation in typhoid fever, xxxix, 8; laminectomy for paraplegia, the result of tuberculous disease of the spine, xliii, 309; ligature of the innominate artery for hemorrhage, xxvi, 489; Malgaigne's hooks, xxii, 112; multiple fractures involving the upper extremity, xlv, 319; observations on fractures of the skull, xxxiv, 534; old dislocation of shoulder, xxxvi, 147; osteotomy for hip ankylosis, xlix, 873; perforating gastric ulcer simulating appendicitis, xxxiii, 212; perforation of the bowel in typhoid fever, xlv, 476; perforative peritonitis, xliii, 315; postoperative treatment, xlv, 327; preservation of body-heat during operations, xl, 152; primary carcinoma and sarcoma of appendix vermiformis, xlvii, 968; radical cure of hernia, xxvii, 682, xxxi, 652; rarity of fractures of the coronoid process of the ulna, xxiii, 449; remarks on osteotomy, xxvii, 790; results of fracture of cervical vertebrae, xli, 473; sarcoma of intestine in childhood, xxxii, 616; sarcoma of superior maxilla, xxxiv, 437; screw and plate fixation of fractures of tibia, xlii, 775; separation of the lower epiphysis of femur, xxviii, 665; spiral fracture of humerus from muscular effort, xlii, 778; stab wounds of heart, xlv,

672; surgery of kidney, xxxvi, 151; surgical treatment of interspinal tumors, xlii, 524; suture for acromioclavicular dislocation, xxxv, 655; suture of femoral artery, xlii, 622; suture of fractured patellæ, xxxix, 1025; tendon transplantation for congenital club-foot, xlvii, 135; tetanus after vaccination, xxxv, 520, 523; thirst after abdominal section, xxi, 185; three successful laparotomies for intestinal perforation in typhoid fever, xxxviii, 63, 127; treatment of appendicitis, xxvii, 101; treatment of fractures of femur, xlviii, 791; treatment of fractures of the nose, xxviii, 668; treatment of hemorrhoids, xxxv, 828; treatment of intracapsular fracture of femur, xxix, 66; treatment of movable kidney, xxix, 761; treatment of perforative peritonitis, xlvii, 1048; use of chloride of ethyl as a general anæsthetic, xlviii, 796; use of iodoform, xxvii, 677; use of needleholders, xxix, 263; volvulus of the small intestine in typhoid fever simulating perforation, xlv, 312; wound of œsophagus, xxii, 111.

HARTLEY, FRANK: Anastomosis of colon after extirpation of carcinoma, xxiii, 293; experiences in cerebral surgery, xlv, 481; exstrophy of the bladder, xxxiv, 25; intracranial implantation of dermoid tumor, xxiii, 573, 606; intracranial neurectomy of the fifth nerve, xvii, 511; observations on etiology of tumors, xxvii, 401; operative treatment of club-foot, xix, 257, 367; remarks on surgery of kidney, xxix, 260; sarcoma of stomach, xxiii, 609; thyroidectomy for exophthalmic goitre, xlii, 33.

Hartley-Krause flap in hemorrhage from the middle meningeal artery, xxxvi, 591.



HARTMANN, HENRI: Cancer of kidney and bladder, **xlix**, 122; high amputation of the rectum, **l**, 1091.

HARTWELL, JOHN A.: Advisability of early operation in intracranial hemorrhage of traumatic origin, **xliv**, 450; amputation of shoulder-girdle, **xl**, 1023; arteriovenous angiorrhaphy, **xl**, 152; bilateral ankylosis of temporo-maxillary joint, **xl**, 140; bilateral nephrectomy for nephrolithiasis, **xlvi**, 457, 460; border-line tumors of the breast, **xlix**, 557; carcinoma of the rectum, **xlii**, 273, 277, 279; cerebral contusion, operation for, **xliii**, 936; cerebral trauma with astereognosis, **xlix**, 129; Charcot's disease of tarsal joints, **xliv**, 119; cholangitis due to colon bacillus infection, **xlvi**, 922; cholecystectomy, **xlii**, 120; chronic hypertrophic synovitis of knee-joint, **xliv**, 444; cyst of the suprarenal gland, **xlix**, 125; deformity of shoulder-joint, **xl**, 454, 455; diagnosis and treatment of typhoid perforation, **xliii**, 942; double castration for tuberculosis, **xlvii**, 292; fracture of lower end of femur, with vicious union, **xl**, 1022; gonococcus peritonitis, **xlvi**, 924; hydronephrosis, **xliii**, 628; intussusception, **xlv**, 312; method of drainage of ankle-joint, **xlv**, 619; multiple septic infarcts of right kidney, nephrectomy, **xlv**, 621; necrosis of intestine following traumatism of abdomen, **xli**, 136; nephrectomy for essential hæmaturia, **xlii**, 267; old fracture of patella, lengthening of quadriceps, **xlvi**, 455; open operation for separation of lower femoral epiphysis, **xliii**, 615; operations for neoplasms of tongue, **xlv**, 629; perforating gastric ulcer, **xlvii**, 803; **xlvi**, 926; popliteal aneurism, **l**, 800;

primary tuberculosis of the breast, **l**, 804; secondary gastro-enterostomy, **l**, 802; treatment of gonorrhoeal arthritis with vaccines made from the gonococcus, **l**, 939; primary typhlitis without appendicitis, **xlv**, 965; psychical end-results following major surgical operations, **xlvii**, 853; question of operation for non-penetrating intracranial trauma, **xlvi**, 25; radical cure of carcinoma of the rectum, **xlii**, 399; remarks on appendicitis, **xl**, 764; resection of intestine, followed by end-to-end anastomosis, **xlii**, 149; resection of knee for tuberculosis, **xl**, 125; resection of rectum for syphilitic stricture, with end-to-end anastomosis, **xliii**, 146; retroperitoneal abscess, **xl**, 415; rupture of urethra, **xxxix**, 1014; simple fracture of carpal scaphoid, **xlvii**, 131; splenectomy, **xlii**, 464; stab wound of spinal cord, **xlv**, 641; stenosis of pylorus, **xlv**, 122; stricture of œsophagus, **xl**, 1020; subdiaphragmatic abscess, **xlii**, 118; subdural hemorrhage, **xlv**, 447; suppurative synovitis of knee, **xlv**, 453; treatment of stricture of the œsophagus, **xlii**, 605; treatment of tuberculosis of testicle, **xli**, 780; tubercular peritonitis, **xlix**, 269; ureter in inguinal hernia, **xxxix**, 1017.

Harvey Lectures on Anatomy and Physiology (review of MS. of), **vi**, 527.

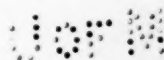
HARVIE, JOHN BRUCE: Recovery after gastrectomy for carcinoma, **xxxi**, 344.

HASBROUCK, EDWIN M.: Endotheliomatous cyst of great omentum, **xlvi**, 206.

HASHEGGER, C. J.: Skin-grafting of the heel, with a flap taken from opposite thigh, **xlvi**, 909.

HASTINGS, HILL: Osteoma of the frontal sinus, **xli**, 624.

Hatfield prize for original research in medicine, **xxxv**, 440.



**Hatpin** swallowed by an infant, gastrostomy for, **xi**, 354.

**HAUBOLD, HERMAN A.**: Report of a case of resection of liver for gumma, **xxxix**, 240.

**HAWKES, FORBES**: Amputation of thigh for gangrene of leg in a child of four weeks, **xxxvi**, 131; bone cyst of superior maxilla, **xxvii**, 939; bullet and wad of clothing removed from the peritoneal cavity, **xxxviii**, 447; bullet wound of pleura, lung, diaphragm, and liver, **xli**, 139; immunity from recurrence after removal of glandular sarcoma of neck, **xxvii**, 938; inflammation of bursa gastrocnemiosemimembranosa, **xxx**, 61; large lumbar hernia treated by silver filagree, **xlvi**, 304; lymphosarcoma of the neck, **xl**, 266; needle and thread removed from under liver, **xxvii**, 950; prevention of intestinal obstruction following operations for appendicitis, **xl**, 192, 272; right-sided ureter calculus complicating chronic appendicitis, **xlvi**, 809; rupture of liver and pleura, **xli**, 138; rupture of the long head of the biceps muscle at its glenoid origin, **xlvi**, 810; stab wound of liver, **xl**, 125; supernumerary thumb, **xxvii**, 940; thrombosis of mesentery, **xl**, 615; ureteral calculus, **xxxv**, 519.

**HAWLEY, GEORGE W.**: Primary carcinoma of prostate, **xxxix**, 892; surgical problem in prostatic hypertrophy, **xxxviii**, 609.

**HAYNES, IRVING S.**: Acute traumatic strangulated hernia, **xxxix**, 596; bony ankylosis of temporomaxillary articulation, **xxxv**, 517; cholecystotomy, **xxxix**, 107; cystic kidney, **xxxix**, 599; dislocation of the semilunar and fracture of carpal scaphoid, **xlvi**, 161; epithelioma of cheek, excision and plastic operation, **xxxix**, 812; epithelioma of

tongue, **xxxix**, 814; forward dislocation of carpus, **xl**, 939; general tubercular peritonitis, **xl**, 265; hydatid cysts of kidney, **xxxvi**, 95; hypertrophy (fibroadenoma) of breast, **xl**, 940; instances of foreign bodies lodged in the body, **xl**, 369; pain after operation for hemorrhoids, **xli**, 459; prevention of intestinal obstruction after operations for appendicitis, **xl**, 272; primary typhlitis without appendicitis, **xl**, 963; prolapse of rectum, bloodless resection, **xlvi**, 443; pseudocyst of pancreas, **xli**, 950; section of the costal arch for bullet wound of liver, **xlvi**, 155; splenectomy for traumatic rupture of the spleen, **xl**, 114; strangulated femoral hernia, resection of intestine, **xlvi**, 442; thrombus of carotid artery, **xli**, 778; treatment of ununited fractures, **xxxiv**, 417; tuberculosis of the testicle, **xl**, 745, 780, 783; unilateral hæmaturia due to pyelitis cystica, **xlvi**, 417, 462.

**Head**, aneurism or anastomosis on, **ii**, 415; bloodless operations upon, **xliv**, 752; dermoid cyst of, **xlvi**, 716; gunshot wounds of, with explosive effects, **xxxiii**, 807; penetrating wound of, **vi**, 69; technic of operation upon, **xliv**, 464, 842; tumors of, **iv**, 68.

Extension, an improved brace for, **xxxiii**, 185.

Injuries, contribution to study of, **xix**, 539; followed by bradycardia, **xl**, 456; operative treatment of, **xl**, 434; review of one thousand cases of, **xl**, 449, 593.

Neck, and, cases, operating table for, **xl**, 159.

Reviews of Books: Injuries of head, by Nancrede, **i**, 377; Malformations and Diseases of the Head, by Treves, **i**, 381; Surgery of the head, by Holmes, **xxxviii**, 465.

**Healing** under moist blood-clot, v, 419.

**Hearing**, affections of, in traumatic facial paralysis, i, 279.

**HEARN, W. JOSEPH**: Action of X-rays on carcinoma, xxxvi, 293, 296; angioma of face, xxxvi, 292; appendicitis complicating typhoid fever, xlii, 613; carcinoma of tongue, xliii, 318; cases of abdominal cystic tumor in the male, xxv, 759; effects of bile in peritoneal cavity, xl, 431; Ludwig's angina, xlvii, 309; management of the tongue during general anæsthesia, xxviii, 281; open measures in the treatment of fractures, xxv, 760; operation for saddle-nose, xxvii, 377; operative treatment of carcinoma of the breast, xxvii, 401; perforation of the bowel in typhoid fever, xlv, 477; pericæcal abscess without appendicitis, xxvii, 786; perineal dislocation of hip, xxxvi, 292; radical cure of hernia, xxxi, 653; remarks on tetanus, xxvii, 236; secretion of urine after prolonged operations, xxi, 185; subacute intestinal obstruction, xxxix, 433; treatment of fractures of the lower end of radius, xxix, 277; treatment of fracture of the patella, xxii, 680; use of chloride of ethyl as a general anæsthetic, xlviii, 797; use of iodoform, xxvii, 679; wiring fractured bones, xxvii, 785.

**Heart**, aspiration of right ventricle for air embolism, ii, 138; bound by adhesive pericarditis, operation for relief, xxxviii, 907; and brain, possibility of successive self-infliction of injuries of, vi, 152; brown atrophy of, complicating cholecystitis, xlii, 792, 918; catheterization and aspiration of right auricle for venous air embolism, ii, 143; congenital protrusion of, xlv, 290; direct insufflation of air

into, ii, 137; gunshot wound of, xxxvi, 550; xlv, 770; injuries of, ix, 333; motion and respiration, artificial, vi, 442; operative treatment of wounds of the, i, 100; and pericardium, surgery of, xlv, 934; stab wound of, xlv, 672, 793; xlviii, 138; stab wound of, suture and recovery, xlix, 135; surgery of, xxx, 518; xxxvi, 793; suturing wounds of, xxviii, 669; xxxi, 663; xxxviii, 902, 905; xlv, 771, 772; wounds of, xxvi, 722.

**Heat**, local effects of, xxxviii, 895.

**HEATH, HOMER H.**: The open method in the treatment of Pott's fracture of the leg, xlvii, 98.

**HEATON, GEORGE**: Treatment of intraperitoneal rupture of urinary bladder, xxiii, 676.

**Heel**, operation for epithelioma of, xliii, 609; skin graft of, with flap from opposite thigh, xlviii, 909.

**Heidelberg Clinic**, forty-five cases of colostomy in, xxvi, 396; goitre operations at, xxxi, 122; operations for carcinoma of breast, 1887-1897, xxxii, 856; report of, for the year 1898, xxxii, 854.

**HELPERICH, PROF.**: Extirpation of prostate, xlv, 946.

**HELMUTH, W. T.**: Malignant tumors of upper jaw, vi, 471.

**Hemiglossitis**, iii, 76; v, 354.

**Hemiplegia**, vi, 69; collateral, from intradural apoplexy, xxiii, 324; following operations for appendicitis, xlv, 127.

**HEMMETER, JOHN C.**: Diagnosis of carcinoma of the stomach, xxxii, 96.

**Hemorrhage**, ix, 76, 157; from abdominal cavity during menstruation, fatal, iv, 456; in abscesses, from large vessels, viii, 126; antiseptic tamponade for, iii, 436; from the bowel following appendectomy, xlviii, 626; cerebral, traumatic, xlviii, 633; control

of, by forceps, in vaginal hysterectomy, **vi**, 275; control of, in intracranial neurotomy, **xxxv**, 405; diminution of, in operations, **vii**, 211; discoloration of skin after, **iii**, 408; endocranial, operative relief of, **xviii**, 416; extradural, **xxxvii**, 451; **xlvi**, 468; gastro-intestinal, following operation for hernia, **xlvi**, 632; goitre-extirpation, partial, without tamponade or, **vi**, 500; hepatic, due to trauma, arrest of, **xlvi**, 541; in hip-disease, **xvi**, 183; from internal carotid artery in carcinoma, fatal, **xii**, 221; intra-abdominal, after traumatism, **xxi**, 326; intracranial, of traumatic origin, advisability of early operation in, **xliv**, 450; in laceration of kidney, fatal, **xxv**, 455; laparotomy complicated by diathetic tendency to, **vii**, 225; late secondary, from wound of hand, **viii**, 467; ligation of common carotid artery for secondary, **xii**, 116; ligation of external carotid artery for, two cases, **xxxiv**, 21; meningeal, **v**, 76; middle meningeal, **iv**, 232, 512; of midwifery, intravenous saline injections for grave, **xvi**, 485; motor aphasia due to, in region of Broca's convolution, recovery after trephining, **xxxvii**, 82; ophthalmotomy for traumatic intracapsular, **vi**, 501; after ovariectomy, secondary intraperitoneal, **vi**, 274; of pancreas, **v**, 338; pelvic, after laparotomy, **iii**, 241; reactionary, **vi**, 86; reactionary, during reaction in a wound made for ligation of the superficial femoral artery, **xix**, 244; restoration of hæmoglobin in blood after, **xii**, 269; subcranial, treated by trephining, **vii**, 401; subdural, **xliv**, 447; surgical treatment of, from gastric ulcer, **xxx**, 393; from tongue, **v**, 64; tonsillar, fatal, **vii**, 213;

transfusion and infusion for, **iv**, 331; twelve pints of saline solution infused after, with recovery, **xliv**, 155; after uvulotomy, **iv**, 521; from wound during reaction of ligation of superficial femoral artery, **xix**, 242.

Review of Book: Hemorrhage, by Heineke, **iii**, 182.

**Hemorrhagic syphilis**, secondary, **vi**, 354.

**Hemorrhoids**, **vii**, 151; aggravated, pathology and treatment of, **xi**, 319; carbolic injection of, followed by gangrenous periproctitis, **xxviii**, 395; dressing after operations for, **xli**, 459; electrolysis in the treatment of, **ii**, 501; excision of, **v**, 493, 523; **x**, 321, **xxx**, 377; forcible dilatation of anus for, **vii**, 65; operations for, **xli**, 459; individual excision and suture in operating for removal of, **xliv**, 275, 479, radical cure of, without general anæsthesia, **xxxv**, 824; treatment of, **v**, 515; treatment of, by plastic method, **xxix**, 306.

HENDERSON, M. S.: Cyst of the round ligament of the liver, **i**, 550.

**Hepatic** (see Liver), abscess, **xvi**, 570, **xxiv**, 223; contribution to surgery of, **xxvi**, 424.

Calculi, possible cause of difficulty, in differential diagnosis from renal, **xxxvii**, 36.

Cirrhosis, Marath's modification of Thalma's operation for, **xlvi**, 831.

Ducts, primary carcinoma of, **xlvi**, 728; stones in, **xxvii**, 539.

Flexure, carcinoma of rectum ten years after extirpation of adenoma of, **xlvi**, 307.

Infections, secondary to appendicitis, **xlvi**, 627, 692.

Surgery, Thornton's recent cases, **xiv**, 391.

Syphilis, **xxvii**, 726.

Tumor, extirpation of, **xviii**, 243; resection of liver for, **xxx**, 267.

**Hepatitis**, acute hemorrhagic, **xlii**, 597; hepatic phlebotomy for, **v**, 226, 234.

**Hepatocholeangiojejunostomy**, **xli**, 56.

**Hepatonephrolithotomy**, **xxii**, 367.

**Hepatoptosis**, surgical treatment of, **xxvii**, 115.

**HEPBURN, THOMAS N.**: Modified Crile tube for direct transfusion of blood, **xlix**, 115.

**Hereditary deformity** of forearm and hands, **iii**, 135.

**Hermaphrodite**, pseudo-, a male, **xlvi**, 259.

**Hermaphroditism**, **xxxvi**, 661.

**Hernia**, abdominal, median, **xiv**, 515; radical cure of, **x**, 461.

Amputation of omentum in operations, **xxi**, 658.

Appendicular, femoral, **xlili**, 669.

Appendix vermiformis, of, **xviii**, 550; **xxxvi**, 938; **xlix**, 516; complicated by appendicitis, **xlvi**, 199.

Bladder, of the, **xxx**, 772, 773; **xxxviii**, 606; complicating inguinal hernia, **xl**, 921; through the pelvic floor, **xxxii**, 369.

Brain and spinal cord, of the, operative treatment of, **ix**, 223.

Cæcal, **xv**, 122; **xxxiv**, 153, 316, 440.

Cerebri, **xlvi**, 146; treated by silver obturator, **iii**, 520.

Colon, of, through diaphragm, **iii**, 84.

Complicated by hypertrophied omentum, **xix**, 206; by undescended testis, **xli**, 951.

Complicating emphysema of mesentery, **xxix**, 282.

Congenital, operation for, **xxvii**, 151.

Contributions to theory of, **v**, 73.

Crural, radical cure of, **xvii**, 618.

Cruroscrotal, **xlix**, 98.

Cure of, **v**, 550; **xlii**, 209.

Diaphragmatic, **xxvi**, 353; operation for, **xi**, 124.

Electrolysis in the treatment of, **ii**, 501.

Epigastric and adumbilical, non-strangulated, operation in, **v**, 374.

Extramedian abdominal section, after, **xxix**, 655.

Fallopian tube, of the, without hernia of the ovary, **xxxiii**, 247; strangulated, **xix**, 618.

Fecal fistula following, **xi**, 235.

Femoral, Bassini's operation for radical cure of, **xx**, 487; excision of intestine in strangulated, **xxxiv**, 318; inflamed appendix in sac of, **xl**, 380; and inguinal, severe, radical cure of, **xlili**, 114; intestinal obstruction after reduction of strangulated, **xlix**, 732; irreducible, gangrenous, **xxxii**, 299; left, containing appendix vermiformis, cæcum, and entire colon, **xl**, 154; left, containing cæcum and appendix, **xxviii**, 708; obscure case of, **v**, 159; operation for, **v**, 15; **xliv**, 775; radical cure of, **xxxix**, 982, 1015; **xliv**, 519; simulated by varicose internal saphenous veins, **xxxii**, 297; simulated by varicose vein, **xlvi**, 127; strangulated, **xxxi**, 252; **xlvi**, 442; strangulated gangrenous, **xli**, 476; strangulated, involving only part of circumference of bowel, enterectomy, enterorrhaphy, recovery, **xvii**, 232; after-treatment of congenital dislocation of hip, **xxxi**, 767; and ventral in women, treatment of, **xv**, 327; in a young child, **xxvi**, 246.

Following operation for appendicitis, **xxxix**, 128.

Foramen of Winslow, into, **ix**, 461; strangulated internal, **iv**, 442.

Gangrenous, **iv**, 253; **xxxii**, 676; **xxxv**, 528; and artificial anus, treatment of (see Bubonocèle), **ix**, 445; intestinal anastomosis in, **xx**, 189; primary resection of, **xxxiii**, 357; resection of intestine for, **xxxiii**, 446; **xxv**, 180; results of operations for, **xxxii**, 486; strangulated, case of, **xxv**,



462; subjected to circular enterorrhaphy, **xix**, 647; treatment of, **x**, 302, 457; **xiii**, 160; **xvi**, 336; **xvii**, 102, 371, 619.

Genesis of certain cases of, **iii**, 242.

Incarcerated, **vii**, 410; **xiii**, 219; bacteriological, examination of fluid in, **xvii**, 372; of childhood, statistics and prognosis of herniotomy for, **xx**, 377; laparotomy for internal, **xvi**, 440; large, **xxxix**, 293; mortality after operations for large, **xxxi**, 65; operation for large, **xxxi**, 714.

Inguinal, adequacy of local anæsthesia for, **xl**, 871; Baker's operation for radical cure of, **x**, 141; Bassini's operation for cure of, late results, **xxx**, 220; bilateral, strangulated, **xxiv**, 63; of bladder, **xxix**, 778; of the cæcum, **xlix**, 491; complicated by cystocele, **xxxviii**, 106; complicated by hernia of urinary bladder, **xxiv**, 753; complicated by undescended testicle, **xxvi**, 365; congenital, in females, radical treatment of, **xvi**, 443; containing pedunculated fibroid of uterus, **xl**, 155; containing ureter, **xxxix**, 1017; direct, radical cure of, **xliii**, 111; double congenital, **xxix**, 344; in the female, **i**, 609; in the female, radical cure of, **xxxii**, 802; and femoral, radical cure of, **xxi**, 547; inguinal gangrenous, **xl**, 119; irreducible, complicating sarcoma of the testis, **xlvi**, 822; in the male, radical cure of, **xvii**, 542; new method of closing the canal in radical operations for, **xix**, 586; oblique, further consideration on anatomy of, **xxiv**, 16; operation for, **xli**, 76; operation for, followed by gangrene of small intestine, **xli**, 477; without a peritoneal sac, **xxviii**, 712; and properitoneal strangulated, **xxxix**, 290; radical cure of, **xvii**, 263; **xxiii**, 302; **xliii**, 133; relapsing, operation for, **xxv**, 361; re-

mote results of operations, **xliv**, 440; right, operation for cure, removal of appendix, **xliii**, 665; strangulated, **xlix**, 153; strangulated, early infancy, in, **xxv**, 487; strangulated, herniotomy, and, **v**, 157, 159; strangulated, removal of appendix from, **xlvi**, 645; strangulated, in a seven weeks' old infant, **xlvi**, 642; strangulation of small intestine in, rare form of, **xxi**, 120; surgical anatomy and methods of cure of, **xxx**, 459; with two testes on same side, **xlii**, 785; undescended testes associated with, **xlviii**, 321, 467; worsted truss in, **xxxiv**, 523.

Inguinolabial—ovary, Fallopian tube, and corner of uterus in sac, **xxi**, 691.

Inguinoperineal, **xl**, 126; congenital, **xxx**, 337; double, with double ectopia testes, **i**, 638.

Inguinoproperitoneal, **v**, 551; **vii**, 161; **xliii**, 705.

Inguinosuperficialis, **v**, 73.

Interparietal ventral, at McBurney's point, **i**, 238.

Interstitial, **xli**, 427.

Intestinal resection for strangulated, **i**, 811.

Intraperitoneal, strangulated, **xxvi**, 369.

Ischiorectal fossa of, **xxiii**, 331.

Linea alba, in the, **xxii**, 464.

Littre's, **xxi** 190, 191; **xxvii**, 936; **xxix**, 533; **xxxix**, 258, 297; spontaneous recovery from gangrenous, **xxx**, 248; strangulated and gangrenous, recovery after laparotomy and enterorrhaphy, **xviii**, 32.

Local anæsthesia, under, **xxxi**, 1.

Lumbar, **xii**, 20; **xxxiii**, 51; congenital, **xl**, 245; dissection of a case of, **xvi**, 137; following nephrorrhaphy, **xxvii**, 539; large, treated by silver filagree, **xlviii**, 304; probable, **xxii**, 272, 273.

Meckel's diverticulum, of, **xxv**, 503.

Mesocolic, **xlii**, 687; or retrogastric, **xlix**, 487.

- Muscles, of, ix, 358.  
 New method for reducing, ix, 230.  
 Non-strangulated, operative treatment of, x, 285, 301.  
 Oblique internal, radical cure of, iv, 89.  
 Observations at the last meeting of the Italian surgical society, xvi, 413; on the mechanical and operative treatment of, at the Hospital for Ruptured and Crippled of New York, xvii, 527.  
 Obturator, xiii, 217; of bladder and of Fallopian tube, xxxiv, 796; strangulated, xvii, 57; xxxii, 285; strangulated partial enterocoele, through obturator foramen, xxxix, 816.  
 Omental, by abdominal wounds, iv, 240; intestinal obstruction relieved by liberating the omentum from, iv, 526.  
 Omphaloepitoneal, xx, 244.  
 Operations and operative treatment of (see also Radical treatment of), xvii, 28; xxi, 589, 592; abdominal, xlv, 776; accidents in, xlix, 208, 263; accidents which may follow removal of portions of omentum for, xvii, 269, 320; Bardeleben's, vii, 159; Bassini's, modified, xvii, 619; combined with operation for removal of the appendix, xlv, 157; complicated by wounds of the bladder, xxi, 707; fibres from tendon of external oblique muscle as suture material in, xxxiv, 323; at German Hospital of Philadelphia, 1907 and 1908, xlix, 839; at Goeteborg, Sweden, xviii, 81; incising the intestine in, vii, 225; intestinal obstruction following, xxxviii, 806; observations on, xxviii, 577; overlapping the aponeurosis in, xliii, 349; rapid recovery from, xxiii, 192; removal of testicle in, xix, 697; report of two hundred cases, xxi, 389; resource after failure of, x, 343; use of Murphy button in, xxxv, 401; use of silver wire in, xliii, 547; wire suture in, xli, 946; wounds of the bladder in, xxi, 631.  
 Ovary, of, xv, 151; strangulated, in an infant, xlv, 958.  
 Parietal, xii, 69.  
 Pathology and therapy of, xxxvi, 303.  
 Perineal, vii, 314; traumatic, ix, 66.  
 Peritoneal, strangulated, xxxii, 136.  
 Pleura into neck, of, ix, 321.  
 Postoperative treatment of, median, xxxv, 542.  
 Prevention and cure by the approximation of the abdominal aponeuroses, xxxix, 245.  
 Properitoneal, xxi, 594; xxiii, 126; xxxiii, 622; xlix, 569; and interstitial, xxx, 696.  
 Radical treatment of, viii, 5, 26; xv, 395; xvi, 336, 505; xxix, 51; xxxi, 648; Bassini's method, xv, 484; in Billroth's clinic, xiv, 518; complicated with gangrene of the intestines, xiii, 159; dangers of modern operative procedures for, i, 129; eight hundred and fifty-five cases of operation for, xxxiv, 1; of enormous, xxix, 280; fatal case of attempt at, i, 120; gastro-intestinal hemorrhage following, xlviii, 632; Greig Smith's, xii, 54; Halsted's method for, xix, 363; in Hamburg, xii, 138; Kolischer's method of, xiii, 214; Macewen's operations for, xiii, 156; modified operation for, xxvii, 459; new method for, xxvi, 613; new method of suture in, xxxi, 286; new operation for, xi, 234; results of one thousand operations for, xxvii, 801; Socin's operations for, v, 241; three hundred and sixty cases of, xxv, 270; treatment of the sac in operations for, xxiii, 32; technic of operations for, xxv, 625; in women, xv, 378.  
 Relation of congenital phimosis to, x, 208.

Retrocolic fossa, into the, **xlix**, 572.

Retroperitoneal, internal, **xiv**, 307; recent contribution to the literature of, **xix**, 738.

Richter's, **vii**, 52; **xxxix**, 446, 448.

Rupture of intestine in, **v**, 547.

Simulated by inguinal abscess, **xliii**, 768; by a suppurating lymphadenitis of groin, **xii**, 216.

Spontaneous reposition of, **iv**, 74.

Stomach, of, through diaphragm into thorax, **xliv**, 680.

Strangulated, **xxv**, 366; acute traumatic, **xxxix**, 287, 596; complicated by phlebitis of the cord, **xxix**, 281; danger of hypodermic injection of morphine in, **v**, 373; enterectomy for, **vi**, 168; ether irrigations in, **x**, 140, 141; excision of portion of intestine in, **vi**, 514; strangulated gangrenous, **xiv**, 517; **xxii**, 515; **xxv**, 462; and herniotomy, **v**, 157; in an infant eight months old, **xviii**, 82; intestinal obstruction due to fibrous stricture consequent upon, **xxxix**, 733; laparotomy in treatment of, **iii**, 459; **ix**, 99; laparotomy for internal, **iv**, 526; mortality of operations for relief of, in London hospitals, **xix**, 739; and non-strangulated, reduction *en masse* of, **xlvi**, 573; operation for, under cocaine anæsthesia, **xx**, 371; operation for, followed by intestinal obstruction after three weeks, **xxxviii**, 132; operations for, followed by washings out of stomach, **xvii**, 754; operation under local anæsthesia, **xxxiv**, 178; resection of sigmoid flexure in, **xxxvi**, 264; statistics of operations for, at the Zurich clinic, **xxiv**, 102; study of thirty-nine cases of, **xxi**, 438; treatment of, **xx**, 187; **xxiv**, 663; treatment of when gangrene is imminent, **xvii**, 101; treatment of gangrenous, **xvii**, 102, 619; **xviii**, 351;

value of operating in two stages for gangrenous, **xlix**, 295; ventroperitoneal, **i**, 238.

Testicular affections, and, **iv**, 190.

Transmesenteric, of appendix vermiformis, **xlii**, 262; combined with volvulus, **xlii**, 209; strangulated internal, **xxx**, 505.

Treated by subcutaneous injection, **v**, 376.

Tuberculosis of, **xvii**, 101; **xxv**, 377; of contents of, **xxxiv**, 787.

Tumor of spermatic cord simulating, **iii**, 256.

Umbilical, **xxii**, 399; **xxxix**, 1005; autoplasty for, **xxxviii**, 302; case of spontaneous rupture externally of, **xii**, 230; in a child, with preservation of the navel, **xlvi**, 306; congenital, **ix**, 226; **xlix**, 565; congenital, relieved by operation soon after birth, **xix**, 737; laparotomy for, in a new born infant, **viii**, 317; management and treatment of, **vi**, 193; operation for, **xxi**, 384; **xxxix**, 132, 1013; **xliv**, 776; **xlvi**, 625; operations for, followed by gangrene of fat of abdominal wall, **xxxix**, 606; operation for the radical cure of, **xxxiv**, 276; radical cure of, **xxxii**, 663; radical cure of, **xxxviii**, 118; strangulated, **xx**, 189, 191; **xlii**, 461; strangulated, omphalectomy for, **viii**, 217; strangulated, in a pregnant woman, **iv**, 442; and ventral, radical cure of, **xliii**, 760.

Umbilical cord, of the, **xix**, 737; **xlix**, 559; congenital, large, treated mechanically, **xxii**, 272.

Uterus, of the, through the inguinal canal, **xl**, 98, 154.

Ventral, **xxx**, 98; **xxxiv**, 572; following abdominal section, **xxxiii**, 1; closed with silver filigree, **xxxviii**, 302; with gangrene of bowel, **xxxiv**, 298; operation for, **vi**, 169; **xii**, 229; **xxi**, 382; after operation for appendicitis, **xxix**,

- 625; result after operation for, **xxxi**, 746.
- Volvulus, with, **xxxi**, 405; **xxxiv**, 316.
- Vulvar, vaginal, and perineal intestinal, **iii**, 178.
- Reviews of Books: Anatomy and Surgical Treatment of Hernia, by Marcy, **xviii**, 680; Atlas and Epitome of Abdominal Hernia, by Sultan, **xxxvi**, 809; Cases of Hernia with Unusual Complications, by J. Chalmers Da Costa, **xxix**, 280; Diagnosis and Treatment of Abdominal Hernia, by De Garmo, **xlvi**, 316; Hernia, by Pierre Franco, **ii**, 174; *Idem*, by Wood, **i**, 589; Radical Cure of Hernia, by Lucas-Championniere, **vi**, 356; **xvi**, 590; Retroperitoneal Hernia, by Moynihan, **xxvii**, 120; **xxxii**, 740; Technic of Modern Operations for Hernia, by Ferguson, **xlvi**, 153.
- Hernial apertures**, large, closed by implantation of silver filigree, **xxxvi**, 767.
- Hernial sac**, cyst of, **xxii**, 123; hydrocele of, **iii**, 249; **iv**, 259.
- Hernio-enterostomy**, **vii**, 225.
- Hernioplasty**, with wire filigree suture, **xli**, 945.
- HERRINGTON, W. J.**: Spontaneous recovery from gangrenous Littre's hernia, **xxx**, 248.
- HERZOG, MAXIMILIAN**: Contribution to renal and ureteral surgery, **xlvi**, 703; solid mesenteric tumors, **xxvi**, 66; splenectomy in splenic anaemia or primary splenomegaly, **xxxiv**, 111, 193, 200.
- HESSERT, WILLIAM**: Actinomycosis of jaw, **xli**, 792; amœbic abscess of the liver, **xl**, 448; carcinoma of head of pancreas, **xl**, 445; cervical rib, **xliv**, 630; complicated appendicitis, **xxxix**, 132; congenital atresia of ileum, **xliv**, 471; diagnostic value of potassium iodide in syphilis, **xliv**, 624; dislocation of individual carpal bones, **xxvii**, 402; lymphosarcoma of rectum, **xxxvi**, 459; metastatic renal abscess, **xli**, 792; perforated gastric ulcer, **xliii**, 462; renal tuberculosis, nephrectomy, **xliv**, 625; resection of four feet of small intestine for injury done during curettage of uterus, **xl**, 443; resection of the knee for tuberculosis, **xxxix**, 131; umbilical hernia, **xxxix**, 132.
- Heusner's method** for resection of superior maxilla, **x**, 186.
- HEWSON, ADDINELL**: Carcinoma of breast, **xliii**, 317; fixation of fracture of tibia by screws, **xxxi**, 510; fracture of the coracoid process of the scapula, **xliv**, 470; ligation of the external carotid artery as a preliminary to extirpation of the Gasserian ganglion, **xxxix**, 505; mulberry vesical calculus, **xli**, 785; osteosarcoma of the mandible, **xliv**, 614, 734; perforating gastric ulcer, **xxxix**, 116; punctured fracture of skull, **xlvi**, 144; result after Pirogoff amputation, **xxiv**, 749; supernumerary ribs, **xxxi**, 507; treatment of fracture by massage, **xxiv**, 752.
- Highmore**, antrum of, empyema of, **xvi**, 389; **xxi**, 335, 612.
- HILTON, DAVID C.**: Teratomata of the inguinoscrotal region, **xliv**, 582.
- Hip-joint**, abscess of, acute, **xxxix**, 292; opening into bladder, **i**, 373; pure carbolic acid in, **xxxiii**, 657.
- Amputation at, **ii**, 468; **iv**, 185; **vi**, 46; **xvii**, 623, 711; **xx**, 79; **xxi**, 62, 173; **xxvi**, 504; **xxvii**, 524, 753; **xxviii**, 129, 138; **xlii**, 311; for chronic osteomyelitis of femur, **xxxix**, 495; clamp for femoral vessels during, **xxiii**, 67; under cocaine anaesthesia, **xx**, 181, 371; with compression of common iliac artery by direct abdominal finger-pressure, **xxv**, 610; contributions to study of, **xvii**, 1; control of hemorrhage during, **xxv**, 741; for diabetic gangrene, **xxxix**, 494; digital compression of

- common iliac vessels in, **xxii**, 404; by ischiatic arthrotomy, **xii**, 454; new method of controlling hemorrhage after, **xvi**, 266; new method for preventing hemorrhage during, **xii**, 150; new method for successful, **xxiii**, 153; preliminary ligature of common iliac artery in, **x**, 1; reinjection of blood after, **iii**, 572; report of sixty-nine cases done by Wyeth's bloodless method, **xxv**, 129, 178; for sarcoma, **xxv**, 93; **xxix**, 110; **xl**, 623; for sarcoma of femur, **xxvii**, 91; **xxxiii**, 318; tendency to recurrence of sarcoma after, **xxxiv**, 584; for tuberculosis, **xxvii**, 456; for tuberculosis of femur, **xxxv**, 813; Wyeth's method of hæmostasis in, **xliv**, 98.
- Ankylosis, bilateral, **xi**, 296; double, after coxalgia, **xxxvi**, 286; operative treatment of, **x**, 219; osteotomy of femur for, **xl**, 873; resection and osteotomy for, **ii**, 169, 170; **viii**, 230.
- Arthritis, chronic rheumatic, **iii**, 529; deformans, resections for, **ix**, 304.
- Bursitis, bilateral tuberculous, **xlvi**, 919.
- Charcot's disease of, in locomotor ataxia, **xx**, 369.
- Complications in fractures involving the, **xxxiii**, 801.
- Congenital dislocation of, **xxi**, 243; **xxvii**, 249, 428; **xxxvi**, 198, 305, 609; bloodless treatment of, followed by femoral hernia, **xxxi**, 767; Hoffa's operation for, **xvii**, 625; **xviii**, 111; Lorenz on the bloody reposition of, **xxi**, 727; non-operative treatment of, **xxi**, 348; operative treatment for, **xii**, 463; **xvi**, 582; reduced by operation, **xxxv**, 271; reduction of, **xxii**, 413; specimen of, **xxiii**, 212; treatment of, **x**, 219; **xx**, 80, 129, 138, 621.
- Disease, **xv**, 249; acute, bilateral excision for, **xi**, 392; amputation for, **xxxvi**, 781; cause and correction of deformity after, **ii**, 168; diagnostic value of rectal examination in, **iv**, 80; hemorrhage in the course of, **xvi**, 183; hysterical, **xv**, 301; indications for discontinuance of mechanical treatment of, **xv**, 402; management of abscesses of, **i**, 494; method of irrigating abscess cavities after, **x**, 229; operation for relief of ankylosis after, **xxxi**, 641; operative dislocation of head of femur in certain cases of, **xxxvi**, 579; padded board stretcher in, **viii**, 106; resection in, **xii**, 467; **xliv**, 790; subperiosteal amputation after, **v**, 552; treated by portable traction splint, without immobilization except during inflammatory stage, **xvi**, 176; treatment of deformities following, **xxvi**, 407; ultimate results of cases observed at the Hospital for Ruptured and Crippled, **xxvii**, 435.
- Dislocation at, **v**, 169, **vi**, 48, 266; in acute rheumatism, **xxvii**, 503; in children, **xi**, 393; consecutive to typhoid fever, **xxiii**, 212; double traumatic, **xl**, 735; with fracture of neck of femur, **xxiii**, 207; irreducible, **v**, 379; irreducible traumatic, operative treatment of, **xii**, 461, 464; mechanics of, **xxxiii**, 75; new method of reducing, **i**, 490; obturator, specimen of, **xxxvi**, 586; old, causes of irreducibility of, **xi**, 239; old, reduced by arthrotomy, **xvii**, 586; old unreduced traumatic, treatment of, **xx**, 27, 319, 621, 736; operative reduction of, **xxix**, 386; paralytic, pathology and treatment of, **x**, 226; perineal, **xxxvi**, 292; spontaneous, during acute infectious diseases, **xxvi**, 448; thirty-two cases of, **xii**, 459; traction apparatus for, **xxxviii**, 890; traumatic, of both, **ix**, 305; upward, **xvi**, 527; voluntary, **xliv**, 791.



- Excision of, **iii**, 8; **iv**, 57; **xxviii**, 663; new method for, **vi**, 145; in pulmonary tuberculosis, **iv**, 450.
- Injuries in aged persons, **xxvii**, 118, 388.
- Knee-joint, and, consecutive resection of, **xviii**, 595.
- Osteotomy for deformity at, **iii**, 102.
- Perityphilitic abscess implicating right, **ix**, 384.
- Resections of, on account of septic epiphyseal infection, **xii**, 258; forming a new acetabulum in certain, **viii**, 161; total, **xxi**, 243; ultimate result of, **xliii**, 438.
- Sarcoma of, **xxvii**, 103.
- Tuberculosis of, **xv**, 146; Poore's contributions to the statistics of operations upon, **xv**, 454; report of thirty-seven cases, **xvi**, 470; results of conservative treatment of, **xx**, 582; treatment of, by iodoform injections, **xviii**, 110.
- Reviews of Books: Congenital Hip-joint Dislocation, by Calot, **xlvi**, 966; *Idem*, by Delanglade, **xxv**, 519; Hip Disease in Childhood, by Wright, **vii**, 75; Inquiry into the Difficulties in the Reduction of Dislocations of the Hip, by Allis, **xxiv**, 770.
- HIRSCH, A. B.: Dislocation of femur at hip consecutive to typhoid fever, **xxiii**, 212; drainage in empyema, **xxii**, 122; paralysis of radial nerve following fracture of forearm, **xxiii**, 200.
- Hirschsprung's disease, **xlvi**, 1062; diagnosis of, **xliv**, 785.
- Histology of union of peritoneal folds, **ix**, 75.
- Review of Book: Histology, Morbid and Clinical Pathology, by Hall and Herxheimer, **xliii**, 483.
- History, surgical, co-operation of surgeons in the making of, **xxxii**, 454.
- HITZROT, JAMES MORLEY: Intra-venous local anæsthesia, **l**, 782.
- HODGE, EDWARD B., JR.: Gallstones with subacute pancreatitis, **xlvi**, 320; gastroptosis and dilatation, **xliii**, 775; gunshot wound of stomach, with posterior drainage, **xlvi**, 623; obstruction of bowel after reduction of a strangulated femoral hernia, **xlix**, 723; strangulated hernia of the ovary in an infant, **xliv**, 958.
- Hodgkin's disease, **xlii**, 786; and sarcoma, **xlvi**, 1060; treated with toxins of erysipelas and *Bacillus prodigiosus*, **xlvi**, 127.
- HOEGH, K.: Gastro-enterostomy with bone plates, **xix**, 658.
- Hoffa's operation for congenital dislocation of hip, **xvii**, 625.
- HOFFMAN, M.: Suprahyoid pharyngotomy preliminary to removal of tumors of the nasopharynx, **xlvi**, 932.
- HOLDEN, F. C.: Sterilization of catgut by maceration in ether and ether-solution of corrosive sublimate, **xix**, 591.
- HOLDING, ARTHUR F.: Removal by gastrotomy of a hatpin swallowed by an infant, **xl**, 354.
- Hollow viscera, gangrene of, **xl**, 364.
- HOLMES, BAYARD, JR.: Brown atrophy of heart complicating cholecystitis, **xlii**, 792, 918; clinical notes on appendicitis, **xl**, 291; exophthalmic goitre, **xxxv**, 288; renal tuberculosis, nephrectomy, **xliv**, 626; tubercular peritonitis, **xliii**, 791; tubercular peritonitis with great distention of gall-bladder, **xliii**, 800; tuberculosis of bone, **xxxv**, 287.
- HOLMES, DR.: Fracture of cervical vertebra, **xxix**, 637.
- HOLSTEN, GEORGE D.: Cause of death after burns, **xxii**, 275.
- HOMANS, JOHN: Cavernous angioma of the spleen, **xxv**, 732; combined aspirating needle and director, **xxvii**, 69; fi-

- broid tumors of uterus, **xvi**, 74; gall-stones formed around silk sutures after cholecystotomy, **xxvi**, 114; malignant stenosis of colon, with enormous collection of stones above stricture, relieved by colotomy, **xix**, 672; operative treatment of carcinoma in the female generative organs, **xxii**, 462; priority in devising a grooved aspirator needle, **xxvii**, 400; sarcoma of the cæcum, **xxiv**, 42.
- HOPKINS, WILLIAM BARTON**: Backward luxation of the astragalus at ankle-joint, **xxix**, 647; cases of transplantation of large skin flaps, **xxi**, 324; cause of deformity after fracture of the lower extremity of radius, **xxv**, 196; complete single sacro-iliac dislocation, **xxix**, 602; congenital absence of both patellæ, **xxv**, 197; correcting talipes varus by producing Pott's fracture deformity, **xxi**, 461; dislocation of the os calcis and scaphoid from astragalus, **xxix**, 645; excision of astragalus for relief of talipes equinovarus, **xxix**, 270; excision of scapula for progressive myositis, **xxvii**, 918; extension apparatus for fractured patella, **xxii**, 628; **xxxi**, 635; fracture in the lower animals, **xxxviii**, 888; fracture of skull, wound of longitudinal sinus, fracture of spinous process of ninth dorsal vertebra, note on the trephine, **ii**, 65; fracture of spine, prostatic calculus, **xl**, 143; lever and fulcrum for trephining, **xxv**, 763; lingual lipoma, **xxv**, 201; multiple loose bodies in the knee-joint, **xl**, 142; new osteoplastic trephine, **xxvii**, 772; operation for relief of scaphoid sternum, **xxvii**, 219; operative treatment of pneumo- and pythorax, **xxvii**, 216; osteomoclasia, a modified operation to correct curved tibiæ, **xxvii**, 788; **xxviii**, 120; plaster-of-Paris bandage for compound fractures of the lower extremity, **xxiii**, 460; rupture of ligament of patella, **xxxvii**, 460; suture of the acromioclavicular articulation for dislocation, **xxxv**, 652; treatment of fractures of the lower end of radius, **xxix**, 274; trephining for Jacksonian epilepsy, **xxxix**, 607.
- Horns**, cutaneous, **xlvi**, 674.
- HORROCKS, W. H.**: Gastroplication for dilated stomach, **xxx**, 249.
- Horseshoe kidney**, **xxxiv**, 580.
- HORSLEY, J. SHELTON**: Contribution to the study of intestinal suture, with a new method of intestinal union, **xxxviii**, 741; dermoid cyst of head, **xlvi**, 716; excision of cervical sympathetic ganglia, **xxxiii**, 469; post-typhoidal infection of ribs, **xxvii**, 253; vesico-urethro-vaginal fistula, **xxxi**, 97.
- HORSLEY, V. R.**: Fresh points in the operative treatment of cerebral tumors, **xix**, 724.
- HORWITZ, ORVILLE**: Accidental cure of papilloma of bladder, **xxxviii**, 890; dangers of ureteral transplantation into intestine, **xli**, 470; foreign bodies in the bladder, **xxv**, 747; fracture of second cervical vertebra, with recovery, **xli**, 472; hypertrophy of penis, **xxix**, 167; impacted urethral calculus, **xxii**, 655; rupture of liver, **xxiv**, 385; rupture of male urinary bladder, **xlvi**, 839; secretion of urine after operation for stricture of urethra, **xxi**, 185; treatment of secondary syphilis complicated with chronic appendicitis, **xxvii**, 74, 101; value of castration to facilitate detection of stone in the bladder, in the presence of prostatic hypertrophy, **xxvii**, 329, 383; white wax nucleus of a vesical calculus, **xli**, 479.

- HÖRZ, ALFONS:** Traumatic epithelial cysts of the hand or fingers, **xxvi**, 732.
- HOSMER, ANDREW J.:** Use of an electro-magnet for removal of a foreign body from bronchus, **xl**, 358.
- Hospitals,** organization of surgical staff of general, **ii**, 389.
- Hospital apparatus,** technic of, in relation to the healing of wounds, **xliv**, 431.
- Hospital gangrene,** identity of, with proteus infection, **xxxvi**, 762.
- Hospital Reports** (book reviews), **iv**, 283, 285; Basel, by Socin and Keser, **iii**, 453; Boston City Hospital, Presbyterian Hospital in the City of New York, and Methodist Episcopal Hospital, **xxviii**, 547; Mount Sinai, vol. i, **xxxi**, 391; Necker Clinic, **vii**, 283.
- Hospital wards,** micro-organisms in air of, **vi**, 498.
- Hot air** in joint diseases, **xxix**, 155, 279; physiological effect of, on general metabolism, in treatment of painful joints, **xxvi**, 455.
- Hot-water bed** for operating table, **xxvii**, 860.
- HOTCHKISS, LUCIUS W.:** Acute intestinal obstruction following appendicitis, **xxxiv**, 660, 709; acute pancreatitis, **xxxviii**, 604; adenoma of the cæcum, **xl**, 758; anastomosis of colon after extirpation of carcinoma, **xxiii**, 292; arthrotomy for irreducible subcoracoid dislocation, **xxxix**, 591; carcinoma of cheek, **xlvi**, 313; carcinoma of stomach, **xl**, 927; Charcot's disease of tarsal joints, **xliv**, 120; cholecystitis, **xxxvi**, 144; chronic perivesical inflammation, **xxiii**, 140; clinical review of twenty-one cases of cholecystitis, **xxix**, 435; comminuted fracture of astragalus, with dislocation, **xxix**, 343; complete traumatic rupture of urethra, **xxvii**, 83; congenital equinovarus, **xxvii**, 430; cortical brain abscess, **xxxviii**, 116; cyst of mesentery of small intestine, **xl**, 757; diagnosis of appendicitis, **xxxiii**, 634; double dislocation of sternal end of clavicle, **xxiii**, 600; enterostomy in peritonitis, **xxix**, 118; excision of the rectum for carcinoma, **xlvi**, 286; excision of tongue for carcinoma, **xl**, 437; excision of tubercular cervical lymph-nodes, **xxix**, 613; extensive thoracoplasty, **xxxi**, 619; external oesophagotomy for stricture of the oesophagus, **xxix**, 615; gangrenous appendix, **xxiv**, 490; gangrenous cholecystitis, **xix**, 197; gas-bacillus wound infection, **xl**, 561; gastric and intestinal lesions, **xl**, 756; gunshot wound of liver, fatal hemorrhage after eight months, **xxxviii**, 448; hypertrophic pyloric stenosis, **xlvi**, 928; large sliding hernias of sigmoid, **i**, 470; indications for cholecystectomy, **xl**, 131; intestinal obstruction following appendicitis operation, **xxxix**, 584; intra-abdominal omental torsion, **xl**, 759; irreducible dislocation of the elbow reduced by arthrotomy, **xxii**, 798; Littre's hernia, **xxvii**, 936; liver abscess, **xl**, 869; mastoid abscess with thrombosis of lateral sinus, **xxxviii**, 599; method of draining peritoneal cavity, **xxii**, 143; method of operation in extensive cancerous growths of cheek involving the jaw, **xlvi**, 515; motor aphasia due to hemorrhage in region of Broca's convolution, recovery after trephining, **xxxvi**, 82; Murphy button in gastro-enterostomy, **xxvi**, 124; operations for neoplasms of the tongue, **xl**, 628; operation for perforating typhoid ulcer, **xxvi**, 124; septic osteomyelitis of clavicle, **i**, 488; typhoid perforation, **xxvii**, 287; operative treatment of acute abscess of lung, **xlvi**, 474; paralysis

of peroneal nerve, **xxxi**, 755; partial enterocoele, **xxxix**, 258, 297; partial gastrectomy for carcinoma, **xlili**, 438; penetrating shot wound of lung, **xxxviii**, 597; perforating gastric ulcer, **xlvi**, 132; perineal prostatectomy, **xlili**, 620; peritonitis from unknown cause, **xxxvi**, 786; peritonitis with unknown site of infection, **xlvi**, 932; persistent fecal fistula following general peritonitis, **xlvi**, 155; plastic on cheek, **xxxviii**, 114; prevention of intestinal obstruction after operations for appendicitis, **xliv**, 273; prostatectomy, **xxix**, 349; **xxxi**, 619; pyloric stenosis from old ulcer, posterior gastro-enterostomy, **xlvi**, 756; repeated operations for appendicitis, **xxiii**, 178; resection of ankles for tuberculosis, **xlvi**, 145; resection of elbow for tuberculous disease, **xxxiv**, 431; retroperitoneal cellulitis complicating posterior urethritis, **xxi**, 176; rupture of intestine by contusion, **xxxix**, 282; rupture of spleen, **xlvi**, 468; sarcoma of colon, **xxxvi**, 133; secondary abscess following appendectomy for gangrenous appendicitis, **xlili**, 924; splenectomy for gunshot wounds, **xlvi**, 466; splenectomy for rupture of spleen, **xli**, 954; strangulated partial enterocoele through the obturator foramen, **xxxix**, 816; subcutaneous rupture of popliteal artery and vein, **xlvi**, 143; successful operation for subdural hemorrhage after fracture of the skull, **xxii**, 798; suppurating hyatid cyst of liver, **xxxviii**, 309; technic of prostatectomy, **xxxiv**, 427; treatment of appendicitis, **xlvi**, 158, 160; treatment of diffuse suppurative peritonitis following appendicitis, **xliv**, 197; treatment of general peritonitis, **xxxvi**, 447; treatment of intraperitoneal wounds of bladder, **xxii**, 505;

treatment of knee-joint suppuration, **xxii**, 505; treatment of renal tuberculosis, **xxvii**, 88; tubercular kidney, **xxiv**, 496; typhoid perforation of ileum, **xlvi**, 134; value of cocaineization of nares, preliminary to general anesthesia, **xxiii**, 64; value of the differential leucocyte count in acute surgical diseases, **xlili**, 625; value of enterostomy and of conservative methods in the surgical treatment of acute intestinal obstruction, **xlvi**, 802; wound of bladder during operation for hernia, **xxi**, 709.

**Hour-glass stomach**, **xxvii**, 281; **xxxviii**, 593; **xliv**, 425.

**HOWARD, WILLIAM T., JR.**: Contribution to the knowledge of endothelioma and perithelioma of bone, **xlvi**, 358.

**HOWE, WALTER C.**: Anomalies in the circle of Willis, **xxxviii**, 878.

**HOWITT, A. B.**: Reduction *en masse* of strangulated and non-strangulated hernia, **xlvi**, 573.

**HOWLAND, JOHN**: Study of the pathology and metabolism of delayed chloroform poisoning, **xliv**, 419.

**HUBBARD, JOSHUA C.**: Arteriovenous anastomosis, **xliv**, 559; arteriovenous anastomosis for gangrene, **xlvi**, 897; blood in relation to surgical diagnosis, **xxxix**, 361; Meckel's diverticulum patent at the navel, **xxxv**, 495; observations on nephralgia, with report of cases simulating stone in the kidney at the Massachusetts General Hospital, **xxx**, 192; surgery of the vascular system, **xlvi**, 478; worsted truss in inguinal hernia, **xxiv**, 523.

**HUDSON, W. A.**: Cases of operative relief for endocranial hemorrhage, **xlviii**, 416.

**HUDSON, W. H.**: Actinomycosis hominis, **xxvi**, 626.

**Huftgelenksverrenkung, die Be-**

- handlung der Angeborenen, by Calot (review of), **xlvi**, 966.
- HUGHES, W.: Empyema of gall-bladder, cholecystotomy, **xii**, 355.
- HULL, LEONARD C.: Irreducible backward dislocation of leg at the knee-joint, **xxxii**, 289.
- Human Body, Manual of the Development of, by McMurrich, (review of), **xxvii**, 315.
- Human Physiology, Text-book of, by Tigerstedt and Murlin (review of), **xlvi**, 165.
- Humeri, superior profunda, aneurism, **xxxiv**, 398.
- Humeroradial joint, old dislocation of, **iii**, 530.
- Humerus, defect of, supplied from the spine of the scapula, **xxv**, 787.
- Dislocation of, at birth, with paralysis of arm, **xlvi**, 777; complicated by fracture at the anatomical neck, **xxiii**, 444, 501; complicated by fracture at the surgical neck, **xix**, 393, 493; **xx**, 70, 611; **xxiii**, 738, 756; **xxxii**, 543; congenital subacromial excision of head, result after five years, **xlvi**, 431; congenital subspinosus, **xxii**, 782; excision of head for, **xxxiii**, 646; irreducible, operative treatment of, **xxxiv**, 450; subcoracoid, reduced by Kocher's method, **x**, 391; traumatic, **xlvi**, 709.
- Epiphysis of upper end, separation of, **ix**, 153; **xxviii**, 462; **xxxix**, 291; with dislocation, **xlvi**, 622; traumatic, **xxxiv**, 450; treated by open operation, **xxiii**, 177; treatment of, **xlvi**, 706.
- Excision of head of, **iv**, 255.
- Fibro-osteoma of, **xlvi**, 808.
- Fractures of, **xlvi**, 314; through the anatomical neck, **xlvi**, 659; complicated by musculospiral paralysis, **xvi**, 352; complicating dislocation of the shoulder-joint, treatment of, **xlvi**, 672; compound, **iii**, 263; **xxvii**, 783; compound intercondyloid, **xix**, 363; of the condyles of, treatment of, **xxxix**, 1033; epiphyseal, in the newborn, **i**, 492; of the external condyle of, **xlvi**, 712; the external condyle of, operation for, **xxxi**, 752; followed by paralysis of radial nerve, **iv**, 68; with injury to nerves, **xxiii**, 147, 200; with injury to musculospiral nerve, **xxxi**, 129, 242; of the internal condyle of, correction of the resultant deformity by operative measures, **xxix**, 40; with interposition of soft parts, **v**, 448; isolated, of the greater tuberosity of, **xlvi**, 10; at the lower end of, **xxxv**, 75, 242, 365; of the lower end of, treated in the extended position, with ankylosis, **xviii**, 218; of the lower end of, treatment of, **xvi**, 1; of neck of, with dislocation of head into axilla, **xxvii**, 660; of neck of, with dislocation of upper fragment, **xxxi**, 291, 614; operative treatment of deformity after, **xxviii**, 142; spiral, caused by jiu-jitsu, **xlvi**, 778; supracondyloid, correction of deformity following, **xxx**, 93; of surgical neck of, **xxxvi**, 607, 787; of surgical neck of, complicated with dislocation, **xxv**, 362; ununited, frequent cause for, **xxv**, 638; ununited, not benefited by osteotomy and metallic suture, **xvi**, 463; ununited, treatment of, **xxiv**, 382; of the upper end of, **xlvi**, 639.
- Fracture-dislocation of, **xxii**, 116, 118; **xlvi**, 938, 968; **xlvi**, 648.
- Gunshot wound of, conservative treatment of, **ix**, 463; of head of, **xxxix**, 1006.
- Gunstock deformity of lower end of, **xxxii**, 301.
- Interscapulothoracic amputation for malignant tumors of the upper end of, **xxix**, 384.
- Osteochondroma of, **xxxix**, 996.
- Results in a case of exsection of the head and upper third of the, **vii**, 431.
- Sarcoma of, **xlvi**, 467; resection for, **xlvi**, 786; value of ex-



- tipration of the shoulder for, **xix**, 709.  
 Review of Book: Fractures of the Lower Extremity of the Humerus in Children, by Chutro, **xlii**, 153.
- HUMPHRY, G. M.**: Unilateral hypertrophy of the gums associated with other abnormalities, **iii**, 1.
- Hunterian Lectures** (review of), by Bryant, **ix**, 236; *Idem*, by Lund, **iii**, 452.
- HUNT J. RAMSAY**: Contribution to the surgery of neuroma of the acoustic nerve, **xl**, 293.
- HUNTINGTON, GEORGE L.**: Anomalies of kidney and ureter, **xliv**, 125.
- HUNTINGTON, THOMAS W.**: Anastomosis of bowel, **xxxiii**, 207; case of bone transference, **xl**, 249 (corrigenda, **xli**, 480); considerations relative to Basedow's disease, **xxxvii**, 9; gunshot fracture, **xxxiii**, 205; operative treatment of recent fractures of the femoral shaft, **xlvi**, 420; surgery of gastric ulcers, **xxxi**, 458; X-ray burns and their treatment, **xxxiv**, 808.
- HUPP, FRANK LE MOYNE**: Penetrating wounds of abdomen, **xli**, 51.
- HURD, H. M.**: Ultimate results in a case of exsection of the head and upper third of the humerus, **vii**, 431.
- HUSSEY, STEPHEN H.**: Rôle of the cervical fascia in producing antero-posterior curvature of the spinal column, **xxvi**, 676.
- HUSSON, F. C.**: Functional prognosis of tendon suture, **ix**, 55; skin grafting according to Thiersch, **ix**, 290; treatment of cerebral abscess, **ix**, 340; treatment of gangrenous hernia and artificial anus, **ix**, 445; treatment of simple fractures around and penetrating into joints, **viii**, 454.
- HUTCHINGS, WILLARD**: Treatment of tetanus by chloretone, **i**, 52.
- HUTCHINSON, JAMES P.**: Carcinoma of tongue, **xliii**, 320; cleft palate operation, **xxxix**, 1030; fistula following perforating typhoid ulcer, **xl**, 288; gallstone in cystic duct, **xliii**, 157; intestinal perforation in typhoid fever, **xxxviii**, 128; treatment of perforated typhoid ulcer, **xxxix**, 127.
- HUTCHINSON, JONATHAN JR.**: Certain points in connection with syphilis, **vi**, 353; obscure sprains of the elbow in young children, **ii**, 91; peculiar form of fibrous tumor, **i**, 423.
- HUTCHISON, JAMES A.**: Excision of vas deferens and vesicula seminalis for tuberculosis, **xxxii**, 567; treatment of fracture of patella, **xl**, 571.
- HUTCHISON, J. C.**: Results of operative treatment of trigeminal neuralgia, **i**, 577.
- Hydatid cyst, cured by operative treatment**, **iii**, 438.
- Intrathoracic, **x**, 203.
- Kidney, of, **xxxvi**, 95; 449; abdominal nephrectomy for, **v**, 273.
- Liver, of, **iii**, 345; **iv**, 73; **v**, 215; **xvii**, 585; **xxxiii**, 755; **xxxiv**, 833; **xxxv**, 425; **xxxviii**, 307, 309; complicating cholelithiasis, **xlvi**, 614; with ligature of the portal vein, **xlvi**, 619.
- Man, in, **v**, 215, 285, 361, 362.
- Obstructing popliteal artery, **ii**, 422.
- Omentum, of, **i**, 362.
- Parotid and mammary glands, of, **ii**, 157.
- Prostate, of, **xxxiii**, 565, 753.
- Secondary infection of, **xiv**, 380.
- Subdiaphragmatic, **vi**, 191.
- Transverse mesocolon, of, **ix**, 229.
- Uterus, of, **xv**, 150.
- Ventricle, of, trephining, **xiv**, 402.
- Hydatid disease, surgery of**, **xiv**, 399.
- Hydrarthrosis of knee**, antiseptic irrigation for, **vi**, 44.
- Hydrencephalocele**, case of, **xviii**, 26.
- Hydrocele**, bilocular, **xxv**, 708; bottle operation for radical cure of, **xlvi**, 915; **xlvi**, 379,

- 480; congenital, in an adult, radical operation for, **xx**, 93; dangers of use of cocaine in surgical treatment of, **xvi**, 164; double, **vi**, 31; encysted, of the cord, resembling omental hernia, **xlvi**, 448; eversion of the tunica vaginalis, as a remedy for, **xxxiii**, 305; in the female, **xvi**, 42; **xli**, 740, 796; of hernial sac, **iii**, 249; **iv**, 259; of the inguinal canal, with venous thrombosis, **xlvi**, 247; neonatorum, **ix**, 389; new method of treating, **xix**, 745; origin of bilocular, **ii**, 335; radical cure of, **ix**, 465; radical treatment of, **iii**, 429; results of treatment of, **xi**, 135; results of treatment by injections of iodine, **xxiii**, 243; traumatic cephal-, **viii**, 304; treated by carbolic injections, **xiv**, 292; treated by iodine injections, **xv**, 140; treatment of, **v**, 431; **xxv**, 759; treatment of, by incision, **xii**, 287; of tunica vaginalis, radical cure of, **iv**, 30; vaginal, treated by sublimate injections, **vii**, 62.
- Hydrocephalus**, internal, surgical treatment of, **xl**, 374; lumbar puncture for relief of, **xvii**, 90.
- Review of Book: Les Hydrocéphalies, by d'Astros, **xxix**, 783.
- Hydrogen gas**, insufflation of, in diagnosing gastro-intestinal perforation, **viii**, 190, 371.
- Hydrogen peroxide**, application of in surgery, **xxxiii**, 88; dangers attending use of in certain cases, **xxvii**, 382; as a diagnostic help, **xl**, 160.
- Hydronephthol**, **iii**, 157.
- Hydronephrosis**, **xxvii**, 367; **xxxiii**, 72, 73; **xxxvii**, 967; **xl**, 625, 784; from abnormal ureteral implantation, **xl**, 256; with calcification of cyst wall, **xxi**, 698; complicating appendicitis, **xl**, 783, 784; congenital, **xl**, 929; with distention of urinary bladder, **xl**, 779; etiology of, **xlvi**, 575; intermittent, **xxvii**, 542; intermittent, from stricture of the ureter, **xxix**, 320; nephrectomy for, **xvii**, 67; **xix**, 497; **xxiii**, 183; **xl**, 765; from papilloma of the renal pelvis, **xxxix**, 743; from stone impacted in the ureter of a child, **xxvii**, 643; traumatic, **iv**, 192; from ureter obstruction by bladder tumor, treated by left ureterostomy and right nephrostomy, **xlvi**, 287; from ureteral calculus, **xl**, 265; ureteroplasty for intermittent, **l**, 639; from valvular stricture of ureter, **xviii**, 658.
- Hydrophobia**, **vii**, 209; **x**, 255; persistence of virus of, **xi**, 135; treatment of, **xxi**, 103.
- Hydrophobic tetanus**, **ix**, 72.
- Hydrorrhachis**, osteoplastic operation for, **v**, 168.
- Hydrosalpinx**, **ix**, 150.
- Hygroma proliferans endothelialis**, **xiii**, 142.
- Hyoid bone**, diseases of, **xiv**, 575; fracture necrosis of cornu of, **xxiv**, 233; and larynx, fracture of, **ii**, 158; median osteotomy of, **xxxiii**, 356; primary chondroma of, **xv**, 477; traction on, by loop, as an aid in narcosis, **xxxiii**, 673.
- Hyoid bursa**, sub-extirpation of, **v**, 512.
- Hyperæmia constriction** for acute inflammation, **xliv**, 729.
- Hypernephroma**, **xxxix**, 468; bone metastases of, **xliv**, 851; **xl**, 326; **xlvi**, 320; extirpation of, **xl**, 91; of kidney, **xl**, 1005; **xlvi**, 244; **xl**, 428; recurrence of, in bronchial lymph-glands, **xxxviii**, 910; treated by nephrectomy, **xl**, 616.
- Hypertrophy**, congenital and acquired, **vii**, 210; nature of prostatic, **v**, 164; operative relief of prostatic, **viii**, 47; unilateral, of the gums, **iii**, 1.
- Hypochondriac and epigastric regions**, exposure of, by raising osteoplastic flap of arch of ribs, **xxxviii**, 764.
- Hypoglossal duct**, extirpation of

- fistula from persistent, **xliv**, 758.
- Hypoglossal nerve**, gunshot injury of the left, **xlviii**, 155.
- Hypophysis**, removal of tumor of, for cure of acromegaly, **xlviii**, 781.
- Hypospadias**, **xlvii**, 816; Beck's operation for, **xxxiii**, 809; glandular, operations for, **xxxi**, 126; operation for, **ii**, 82; **xxiii**, 378; **xlvi**, 244; operation for, by scrotal flap, **xvi**, 89; operative treatment of, **xxv**, 379; **xxix**, 780; **xxx**, 536; **xxxix**, 1007; Russell's operation for, **xxxiii**, 218; scrotal, **xxiv**, 226; scrotal, operative treatment of, **xvi**, 461; with stricture of urethra, **xi**, 143; systematic operation for penile, **xlvi**, 68; treatment of, **xix**, 111.
- Hysterectomy**, abdominal, **xix**, 696.
- Carcinoma, for, **xvi**, 477; advantages of abdominal over vaginal, **xl**, 135; by combined abdominal and vaginal dissection, **xix**, 125; final results of, **xxiii**, 339; principles of, **xxvi**, 280; relative merits of supra-vaginal, and, amputation, **xvi**, 588; vaginal, **iii**, 177, 359; **iv**, 367, 371, **xvi**, 83, 429, **xix**, 697.
- Control of hemorrhage in, by forceps, **vi**, 275.
- Fibroma, for, technic of, **xviii**, 598.
- Myoma, for, **xxvii**, 355; **xxviii**, 142.
- New method for securing pedicle after intraperitoneal, **xvi**, 475.
- New and rapid method, by a, **xvii**, 305.
- Perineovaginal, **xxi**, 225.
- Sacral route, by, **xviii**, 464, 559, 561.
- Treatment of pedicle by elastic ligature, **xv**, 154.
- Uterine fibroids, for, **xxi**, 592.
- Vaginal, **i**, 75, **v**, 449, **vi**, 275, **xv**, 153; followed by ureteral fistula, **xviii**, 600, 603; with median section of uterus, in pelvic suppurations, **xvii**, 629; by morcellement, **xix**, 758; operative technic of, **xviii**, 324.
- Wound of ureter during, **xli**, 126.
- Hysteria** from a surgical standpoint, **xxviii**, 177.
- Hysteric tumors** of mammae, **xviii**, 79.
- Hysterical paralysis** in syphilitic subjects, **vi**, 282.
- Hysteropexy** for uterine retroversion, **xv**, 498.
- Hysterorrhaphy**, **xv**, 153.

## I

- Ice**, lupus treated with, **xi**, 148.
- Ichthyol** in treatment of erysipelas, **vi**, 140.
- Icterus**, emotional, accompanied by a general eruption of lichen, **iv**, 426.
- Ideal dressing** for abdominal wounds, **xv**, 496.
- IDELSON. V.**: Diagnosis and treatment of pancreatic cysts, **viii**, 389; injuries of heart, **ix**, 333; recent contributions to pulmonary surgery, **ix**, 285.
- Idiocy**, non-microcephalic, operative treatment of, **xix**, 453.
- Review of Book: Microcephalic Idiocy, **xxxii**, 731.
- Ignipuncture** in affections of joints and bones, **xii**, 299; in tuberculous tumors, **vii**, 212.
- Ileo-appendicular fold**, abnormal, as a cause of partial occlusion of the bowel, **xlvi**, 787.
- Ileocæcal coil**, extirpation of, **xxiii**, 326; **xxv**, 216; **xxvii**, 729; **xxix**, 119; resection of, for tuberculosis, **xlvi**, 783.

**Ileocæcal junction**, resection of, in fecal fistula, **xlii**, 600.

**Ileocæcal loop**, hæmatoma of, simulating appendicitis, **xxv**, 188.

**Ileocæcal orifice** and chronic constipation, **xxxii**, 364.

**Ileocæcal region**, carcinoma of, **xxxv**, 808; surgical relations of, **iv**, 529.

Review of Book: Die Entzündlichen Erkrankungen des Darms in der ileocæcalis Regio, by Richard Leuzmann, **xxxiv**, 721.

**Ileocæcal resection** for tuberculosis, **xxxix**, 1010.

**Ileocæcal valve**, acute stricture of, **ix**, 461; **x**, 77; enterectomy for malignant stenosis of, **xviii**, 322; tuberculosis of, **xxxiv**, 205.

**Ileocolic fossa**, hernia into, **xliv**, 683.

**Ileocolic intussusception**, **xlv**, 619.

**Ileocolostomy**, carcinoma of cæcum relieved by, **xix**, 734; by means of Murphy's button, **xvii**, 652; **xviii**, 327.

**Ileotomy** for carcinoma of colon, **xx**, 414.

**Ileovesical fistula**, **xxix**, 69.

**Ileum**, carcinoma of, **xix**, 472; congenital atresia of, **xliv**, 471; double perforation of, and perforation of gall-bladder, in typhoid, **xlv**, 34; fibroadenoma of, **xl**, 1008; follicular perforation of, **xxxi**, 259; traumatic rupture of, relieved by enterectomy, **xix**, 732; typhoid perforation of, **xlii**, 927; **xliii**, 446; **xlviii**, 133; volvulus of, **xli**, 148; volvulus of, with cæcal hernia, **xxxiv**, 316.

**Ileus** (see also Intestinal Obstruction), adynamic and dynamic, **xliv**, 141; after appendicitis, **xxiv**, 376; arteriomesenteric, with acute dilatation of the stomach, **xlvii**, 390; from axial rotation of a mesenteric tumor, **xvii**, 63; caused by neoplasms, **xxxiii**, 457; classification of forms of, **xxxiii**, 496; discussion on, before the

Chicago Surgical Society, **xxxiii**, 494; gall-stone, **iv**, 180, 255; **xviii**, 582; **xxxiii**, 634; gastromesenteric, **xlv**, 736; indications for laparotomy in, **xviii**, 79; intestinal poisons in, **xxxviii**, 914; of jejunum, operation in two stages for relief of, **xlv**, 224; laparotomy for, **ii**, 509; from mechanical obstruction to the fecal current, **xxxiii**, 449; mesenteric, acute dilatation of, **xlvii**, 532; obturation, **xliv**, 150; after ovariectomy, **xi**, 410; pathology of, **xi**, 287; postoperative, **xliii**, 870; **xliv**, 141; strangulation, **xlv**, 146; treatment of, **xlii**, 220; from vascular obstruction, **xxxiii**, 443.

**Iliac abscess**, trephining the ilium for, **xii**, 394.

**Iliac artery**, common, ligation of, followed by gangrene of toes, **xxviii**, 129; ligation of the left, **xlviii**, 22; preliminary ligature of, in hip-joint amputations, **x**, 446; **xxxiii**, 318; transperitoneal compression of, during hip-joint amputation, **xxviii**, 130.

External, aneurism of, **xxviii**, 128; aneurism of, cured by compression, **xiv**, 401; extirpation of aneurism of, **xxxiii**, 473; extraperitoneal ligature of, for aneurism, **xliv**, 96; ligature of, **ii**, 429; ligature of common for aneurism of, **iv**, 519; ligature of, for femoral aneurism, **xxxi**, 256; simultaneous ligation of both, **xlviii**, 872; transperitoneal ligature for aneurism of, **xli**, 620; treatment of aneurism of, by digital compression, **xxxviii**, 498.

Internal, ligature of right, **v**, 351; simultaneous ligature of both, effects of, upon prostatic hypertrophy, **xx**, 44, **xxiii**, 705; simultaneous ligature of both, for hemorrhage during hysterectomy, **xx**, 248.

**Iliac dislocation** complicated by fracture of neck of femur, **xxiii**, 207.

- Fossa abscess, right, containing enterolith, **xliii**, 767.
- Iliopsoas muscle**, influence of, upon the rotation of the thigh, **xix**, 223.
- Ilium**, removal of bullet from, **xxxi**, 746; resection of, for osteomyelitis, **xxi**, 240; sarcoma of, **xxxvi**, 461; trephining, for draining pelvic abscesses, **iv**, 351.
- ILL, EDWARD J.**: Tubercular diseases of the female urinary tract, **xxxviii**, 524.
- Immobilization** of bony fragments as support for the periosteum by ivory dowels, **xvii**, 108.
- Immobilizing bandages**, dangers of, **xvii**, 502.
- Impaction of gall-stone**, **iv**, 183, 184, 251.
- Implantation dermoid tumor**, intracranial, **xxiii**, 573, 606.
- Incision**, combined transverse and longitudinal, in laparotomy, **xl**, 178, 259; points for, in empyema, **x**, 455.
- Incontinence of urine** in children, **iv**, 188; following Gersuny's operation for prostatectomy, **xliii**, 922; as a sequel of prostatectomy, **xli**, 558.
- Indigo-carmin test** as an aid in diagnosis of ureteral occlusions, **xliv**, 553.
- Infancy**, stenosis of the pylorus in, **xliv**, 121.
- Review of Book: Diseases of Infancy and Childhood, by Holt, **xxxvii**, 479; Treatise on the Diseases of Infancy and Childhood, by Koplik, **xliv**, 476.
- Infant**, fracture of skull in, **iv**, 430; laparotomy for congenital umbilical hernia in a newborn, **viii**, 317; multiple fractures of bones of, **x**, 154; three laparotomies in, **xl**, 764.
- Infantile paralysis**, **iii**, 354; spastic, treatment of, **xxxvii**, 415; treated by excision of the joint, **iii**, 102; treated by tendon transplantation and nerve anastomosis, **xlvi**, 470.
- Infantile pseudoparalysis**, syphilitic, **iii**, 362.
- Infection**, contact and air, in practical surgery, **ii**, 409; mixed, and secondary, **xiv**, 374; through superficial suppurating surfaces, **xiv**, 521; surgical, **xliii**, 187.
- Infectious diseases**, spontaneous dislocation of femur in acute, **iii**, 257.
- Review of Book: Infectious Diseases, by Roger, **xxxix**, 637.
- Infectious endocarditis**, **xv**, 47.
- Infective ephryaditis**, **xvii**, 749.
- Inflammation**, as a cause of predisposition to secondary cancer, **iii**, 407; connective-tissue cell changes in acute, **vi**, 497; constriction hyperæmia for, **xliv**, 729; Landerer's theory of, **ii**, 479; of pancreas, **v**, 336; pathology of, **xliii**, 161; pelvic, **xvi**, 473; of skin and mucous membrane, formation of cancer from chronic, **ii**, 429; about uterus, deposits accompanying, **vii**, 471.
- Inflation of bladder** as a preliminary to suprapubic cystotomy, **xxviii**, 358, 383.
- Influenza**, **xiv**, 480; empyema after, **xvi**, 392.
- Infusion**, intravenous saline for shock and acute anæmia, **xv**, 345; twelve pints of normal saline solution, after hemorrhage, with recovery, **xlix**, 155.
- INGALLS, HENRY A.**: Splanchnotosis and its surgical treatment, **xxxv**, 319.
- INGLIS, ROY**: Memoir of Beriah A. Watson, **xvii**, 257.
- Ingrowing toenail**, **vi**, 48; treatment of, with tannin, **v**, 75.
- Inguinal abscess** simulating hernia, **xliii**, 768.
- Aneurism, **ii**, 429.
- Canal, venous thrombosis and hydrocele of, **xlvi**, 247.
- Colotomy, **v**, 491; **vii**, 458.
- Cystocele, **xii**, 293.
- Extraperitoneal route for operations on lower end of ureters, **xli**, 216.



- Glands, gangrene of the scrotum after removal of enlarged, **iii**, 40, 90; removal of, **iii**, 411; sarcoma of, **xliv**, 148, 149, 150.
- Hernia (see also Hernia), adequacy of local anesthesia for operations, **xliv**, 871; combined operation for cure of, and removal of appendix, **xlili**, 665; irreducible, complicating sarcoma of the testis, **xlvi**, 822; nervous anatomy of, **xxxi**, 1; operation for, **xli**, 76; radical cure of oblique, **iv**, 89; remote results of operations for radical cure of, **xliv**, 440; strangulated, **xliv**, 153; undescended testis associated with, **xlvi**, 467.
- Lymph-nodes, complete amputation of external genitals and, **xlvi**, 450.
- Telelymphangioma, congenital, **xxx**, 600.
- Inguino-interstitial and inguinoperitoneal hernia, **iii**, 242.
- Inguinoperineal hernia, **xl**, 126.
- Inguinoperitoneal hernia, **vii**, 161.
- Inguinoscrotal region, teratomata of, **xliv**, 582.
- Inhalers, ether, contagion through the use of, **vi**, 137.
- Injury, gunshot, of the brain, **i**, 66.
- Injuries, **viii**, 134; surgery of, **v**, 86, 455; of upper extremities, surgery of, **iv**, 260.
- Reviews of Books: Injuries and Diseases of the Mouth, etc., by Heath, **i**, 390; Injuries and Diseases of Upper Extremities, by Bardenhauer, **iv**, 284, 290; Manual of Instruction in Aid to the Injured, by Doty, **xxviii**, 154.
- Innominate artery, aneurism of, **v**, 57; cured by electrolysis through coil of inserted wire, **xxvi**, 646; ligature for, **xxvi**, 512; **xxxvi**, 960; ligature of carotid and subclavian for, **v**, 538; treated by simultaneous distal ligation of right common carotid and right subclavian arteries, **xlii**, 336.
- Compression of, **iv**, 332.
- Ligation of, **xxviii**, 1; artery, **xlii**, 1, 802; **xliv**, 966; for hemorrhage, **xxvi**, 489; method of exposing for, **xxxiv**, 472; successful, **xxxi**, 629.
- Inoculation, with resorcin, abortive treatment of digital phlegmons by, **v**, 267.
- Insanity from a cerebral cyst cured by aspiration, **iii**, 522.
- Reviews of Books: Insanity, by Spitzka, **vii**, 239; Compendium of Insanity, by Chapin, **xxviii**, 412; Hand-book of Insanity, by Kirchhoff, **xvii**, 632.
- Instrument bag, portable, **xxi**, 279.
- Instruments, antiseptic surgical, **iv**, 230.
- Interdental splint for fracture of the lower jaw, **xli**, 1; **xlii**, 252; **xlvi**, 826.
- Interlocking intestinal suture, **xlvi**, 837.
- Internal carotid artery, erosion of, with hemorrhage from external auditory meatus, **i**, 559.
- Internal iliac artery, distribution of the branches of, and zones of exsanguination resulting from its deligation, **xxxv**, 189.
- Internal strangulation of intestine, **i**, 366.
- International Clinics (review of), tenth series, vols. **iii** and **iv**, **xxxiii**, 666; eleventh series, vol. **i**, **xxxiv**, 327; twelfth series, vol. **iii**, **xxxvii**, 636; thirteenth series, vols. **ii** and **iii**, **xxxix**, 158; thirteenth series, vol. **iv**, **xxxix**, 480; fourteenth series, vols. **i** and **ii**, **xli**, 156; fifteenth series, vols. **i** and **ii**, **xlii**, 639.
- International Society of Surgery, Congress of 1908, discussion on cancer of kidney and bladder, **xlix**, 118.
- Interscapulothoracic amputation, **xi**, 88; **xxix**, 384; **xxx**, 260; **xxxi**, 35, 194; **xxxiv**, 320; **xxxvi**, 139, 321, 456, 573; **xxxix**, 997; **xli**, 267; for injury, **xxiv**, 182; for osteomyelitis, **xxxi**, 633, 686; for sar-

coma, **xlvi**, 785; for sarcoma, recurrence successfully treated with mixed toxins, **xlvi**, 807; for sarcoma of scapula, **xxxix**, 134; ultimate result of a case of, **xxxiv**, 712.

**Interspinal tumors**, surgical treatment of, **xlvi**, 524.

**Interstitial hernia**, **xli**, 427; **xlvi**, 705, 790.

**Intestinal anastomosis**, **xv**, 126, 391; **xxxi**, 504; button, with potato, **xxvii**, 543; by invagination, **xxx**, 767; **xliv**, 690; case of, Maunsell's method, **xxviii**, 126; fecal fistula for, **x**, 283; forceps for, **xxix**, 297; instrument for facilitating, **xxv**, 279, 352; lateral with later perforation of blind end of gut, **xliv**, 562; method to facilitate the avoidance of infection during, **xlvi**, 554; Murphy button, result of use of at the Heidelberg clinic, **xxv**, 654; Murphy button and absorbable plates, relative value of, in, **xxi**, 166; Murphy button, table of recent cases of use of, in, **xxi**, 41; Murphy's button, cases of use of in, **xxi**, 67, 71, 72, 73; neoplasm for, **xviii**, 664; secondary excision of rectum after, **xxviii**, 519; suggestions as to the technic of, **xv**, 126; technic of, **xvii**, 322; **xxxiv**, 840, 850; Ullman's improved method of, **xxv**, 230; use of potato plates in, **xiv**, 527; use of segmented ring, **xl**, 748.

**Approximation**, mechanical *versus* suture methods for, **xxxiv**, 846, **xxxv**, 36.

**Attachment**, extent of possible safe removal of mesentery from, **x**, 460.

**Calculus**, **xxxix**, 444, 448.

**Canal**, flushing with salt solution through multiple enterostomy openings, **xlvi**, 953, 1062; in man, anatomy of, **ii**, 264.

**Carcinoma**, anatomical and clinical researches in, **xxxviii**, 911.

**Fistula**, following appendicitis, **xxiv**, 488, 502.

**Exclusion**, studies in, **xlvi**, 568.

**Forceps**, **xl**, 272.

**Incarceration**, acute, treated by stomach washing, **xvii**, 617.

**Injury** following abdominal contusions, **xxxvii**, 525, 623.

**Localization**, **xxxviii**, 574.

**Loop**, "naval," **xxii**, 343.

**Neurosis**, **xliv**, 839.

**Obstruction** (see also **Ileus**), **xxxviii**, 102; abdominal section for acute, **xii**, 231; abdominal section, immediately following, **xvi**, 273; acute, **xlvi**, 314; **ii**, 80; acute cases of, **xxxii**, 676; acute, from strangulation of Meckel's diverticulum, **xlvi**, 309; acute, relieved by laparotomy, **xiv**, 510, 511; acute, value of enterostomy in surgical treatment of, **xlvi**, 738, 798; from adhesive bands after appendectomy, **xxxii**, 292; after operation for appendicitis, **xxi**, 315, **xxxix**, 584, 592; after reduction of strangulated femoral hernia, **xliv**, 723; by degenerated Meckel's diverticulum, **xxxvii**, 111; by band, **xxxvii**, 781; Bryant, on mode of death from, **i**, 177; by an enterolith, **xxxvi**, 297; cæcostomy under cocaine for incomplete, **xliv**, 621; carcinoma of cæcum, obstruction from, **xix**, 97; carcinoma of colon, enterostomy, and later ileocolostomy, **xvii**, 652; cases of, **i**, 367; caused by tumor, cured after enterostomy, **xiv**, 511; due to adhesions about a sloughing gall-bladder, **xl**, 133; due to band and volvulus of ileum, **xli**, 148; due to carcinoma, colostomy for, **xxix**, 487; due to fibrous stricture consequent upon strangulated hernia, **xxxix**, 733; due to gall-stones, **xxv**, 101, **xxxvi**, 161, 300; **xliv**, 717; due to tubal pregnancy, **xliv**, 271; due to volvulus, **xliv**, 161; enterostomy and laparotomy for, **x**, 281; five cases of laparotomy for, **xxxvi**, 245;

- following appendicitis, **xix**, 677, 682, **xxxiv**, 660, 708; following intraperitoneal operations, **xxi**, 104; following operation for appendicitis, **xl**, 122, **xli**, 150, **xliv**, 838; following operations for appendicitis, prevention of, **xlix**, 192, 272; following operation for inguinal hernia, **xxxviii**, 806; gall-bladder, acute inflammation of, simulating, **xviii**, 84; from carcinoma of colon, **xix**, 672; from hernia into the foramen of Winslow, **iv**, 442; management of certain critical cases of, **xlii**, 668; massage of abdomen for, in men, **ii**, 269; from Meckel's diverticulum, adherent, **xvii**, 341, **xliv**, 299, **xliv**, 631; Murphy button, intestinal obstruction relieved by anastomosis with, **xix**, 472; operation by short circuit for, **xvi**, 439; study of one thousand operations for, **xxxii**, 486, 611; operative relief of, **xxix**, 264; postoperative, **xl**, 510, 584, 598; resection for gangrene from strangulation, **xix**, 416; resection of sigmoid flexure for, **xxix**, 114; relieved by liberating the omentum of an omental hernia, **iv**, 526; subacute, **xxxix**, 443; surgical treatment of, **x**, 302, 347; temporary typhlotomy for, **xvii**, 753.
- Occlusion following ovariectomy, **x**, 230.
- Paralysis of peritonitis, enterostomy for, **xxix**, 1, 115.
- Perforation in typhoid fever, **xxxix**, 8, 118; in typhoid fever in children, surgical features of, **xxxviii**, 71; in typhoid fever, successful laparotomies for, **xxxviii**, 63, 127.
- Poisons in ileus, **xxxviii**, 914.
- Polypoid and carcinoma, **xxxvi**, 104.
- Resection, cases of, **xxxviii**, 135; for tuberculosis, **xxi**, 119; repeated with final recovery, **xl**, 584.
- Stasis, chronic, **i**, 190.
- Stenosis, new operation for, **xl**, 689.
- Strangulation, by Meckel's diverticulum, **xxxii**, 709; and obstruction, **xiv**, 323.
- Stricture from operations for carcinoma, **xiii**, 154.
- Surgery at the Heidelberg clinic, **xvii**, 730; surgery, syllabus of, **xvii**, 557.
- Suture, **xxxv**, 610, 820; experimental research upon, **xxxii**, 735; interlocking, **xlvi**, 837; **xliv**, 590; Maunsell's method, note on, **xxii**, 688; new, **xxii**, 281; new method for, **xiv**, 507; a new method, by Horsley, **xxxviii**, 741.
- Suturing, technic of, **xxii**, 284.
- Tract, exclusion of portions of in disease, **xxviii**, 383.
- Transplantation for formation of an artificial vagina, **xl**, 398.
- Walls, friability of, as an obstacle to enterorrhaphy, **xli**, 306.
- Reviews of Books: Intestinal Suture, by Terrier and Baudouin, **xxxi**, 773; Treatise on Constipation and Intestinal Obstruction, by Gant, **xlix**, 588.
- Intestin**, chirurgie de l', review of Jeannel on, **xxix**, 785.
- Intestine** (see also Appendix Vermiformis, Colon, Colotomy, Enterorrhaphy, Hernia, Ileocaecal, Ileum, Intussusception, Jejunum, Perityphlitis, Pylorus, Rectum, Stomach), actinomycosis of, case of, **xvii**, 230.
- Anastomosis of, after resection for obstruction, **xxv**, 735; anastomosis of, with aid of the O'Hara forceps, **xxxiv**, 441; anastomosis of, clamp for, **xxiii**, 38.
- Artificial biliary fistula into, **v**, 231, 238.
- Carcinoma of large, operations for, **iv**, 247; carcinoma of large, causing intestinal obstruction, operative treatment of, **xliv**, 261; carcinoma, resection of large for, **iii**, 469.
- Contusion of abdomen with rupture of, **vii**, 385; contusion and gangrene of, **xxv**, 455.

- Cyst of mesentery of the small, **xl**, 757.
- Dangers of ureteral transplantation into, **xli**, 470.
- Delayed opening of, in colotomy, **ii**, 270.
- Entero-anastomosis for malignant stenosis of, **xix**, 172.
- Excision of, following strangulated femoral hernia, **xxxiv**, 318; excision of, for gangrenous hernia, **xl**, 119.
- Exclusion of a segment of, for relief of fecal fistula, **xxvii**, 537.
- Fecal impaction in, treated by division of anus and introduction of hand, **vi**, 515.
- Fibro-adenoma of small, **xl**, 1008.
- Functional disturbances of, due to malposition of appendix, **xl**, 394, 472.
- Gangrene of, **xl**, 364, **xl**, 629; gangrene of, complicating herniotomy, **xiii**, 159; gangrene of, due to vascular obstruction, **xxxiii**, 443; gangrene of, from occlusion of the mesenteric vessels, operative relief of, **xxi**, 9.
- Gangrenous typhilitis, partial resection of, **xv**, 483.
- Gunshot wounds of, **v**, 148, 150, 151, 154, 155, 156, 371, 465; **vi**, 369; **viii**, 147, 149, 257, 314; **ix**, 90; **x**, 305; **xi**, 272, 401; **xviii**, 623; **xl**, 252; multiple, **xxii**, 379; with death, **iv**, 475, 528; gunshot wound of, with recovery, **iv**, 344, 468; gunshot wounds of, management of, **v**, 154, 465; gunshot wounds of, with recovery after laparotomy and suture, **xxi**, 360; gunshot perforation of, with button anastomosis, **xxiii**, 54; gunshot perforations of, multiple, recovery after operation, **xli**, 637; gunshot perforations of, twenty-one, **xl**, 313.
- Hernia of, umbilical, **vi**, 193; ventral, **vi**, 169.
- Hernial rupture of, **v**, 547.
- Herniotomy with excision of part of, **vi**, 369; with incising, **vii**, 225.
- Hydrogen gas insufflation of, in diagnosis of obstruction of, **viii**, 371; of perforation of, **viii**, 190.
- Hypertrophic tuberculosis of, **xxxvi**, 713.
- Internal strangulation of, **i**, 366; of small, relieved by laparotomy, **ii**, 506, 508.
- Intussusception of, **ix**, 92; of small, **xlii**, 474.
- Invagination, operative treatment of, **v**, 544.
- Iliac colotomy, **iv**, 345.
- Laparotomy for, recovery after, **xx**, 59; for internal strangulation of, **v**, 88; for injury of, **vi**, 130; for gunshot wound of, **vii**, 398, 399; for gunshot wounds of, **vi**, 155, 166, 507; explorative, in obstruction of, **v**, 157; for foreign body in, **ii**, 270; laparotomy for obstruction of, by internal strangulated hernia, **iv**, 526; for obstruction of, **iii**, 84, 89, 139, 214, 240, 420, 524, 525, **viii**, 371; for perforation of, **iii**, 386; for typhoid perforation of, **viii**, 219; for wound of, **iii**, 422.
- Large, myofibroma of, **xliv**, 249.
- Method of operating to lessen dangers of excision of, **ix**, 382.
- Micro-organism can pass through the intact wall of (?), **xxv**, 378.
- Mesentery, after separation from, behavior of, **vi**, 72.
- Necrosis of, following traumatism of abdomen, **xli**, 136.
- Obstruction of, by gall-stones, **xxiii**, 125; by Meckel's diverticulum, **xxvii**, 448.
- Operations on, at the Heidelberg clinic, **xxvi**, 395.
- Operative technic of prolapsed invaginated, **xxxviii**, 760.
- Partial excision of large, for tumor, **xxiv**, 373.
- Passage of a large piece of glass through, **xviii**, 579.
- Perforating ulcer of, **ix**, 59.
- Perforations of, complicating typhoid fever, **xxxvii**, 380; for strangulation by band, **xxxvii**, 946; typhoid fever, **xxxvi**, 622.

- Peritoneum, and, carcinoma of, in a boy of nineteen, **xxxii**, 608.
- Perityphilitic abscess of, **iii**, 424.
- Pistol-shot wounds of, recovery from, **xxx**, 217.
- Prolapse of, with patent Meckel's diverticulum, **vii**, 158; from stab wound of abdomen, **viii**, 140, 141, 143, 145; through a ruptured vaginal wall, **viii**, 154.
- Purgatives in treatment of obstruction of, **vi**, 60.
- Rectal examination for obstruction of, **iii**, 333.
- Removal of a spoon from the, **vii**, 222.
- Resection of, **ii**, 81, 420; **iv**, 344, **xi**, 56, **xv**, 391, **xlvi**, 442, **xl**, 252, 253; and suture of, **vi**, 513, 514; Hahn's method of diminishing the danger of, **x**, 280; resection, extensive condition of, two years after, **xxxviii**, 451; for gangrene, **xxvii**, 650; for extensive carcinoma, **xxxvi**, 955; for gangrenous hernia, **xxiii**, 446; **xxxv**, 401; ileo-caecal coil, **xx**, 642; of loop of, for injury done during curettage of uterus, **xl**, 443; followed by end-to-end anastomosis, **xl**, 92, 148; of ten feet two inches of small, **xl**, 49; in strangulated hernia, **vi**, 168; in Bergmann's clinic, **xviii**, 583; in tuberculosis of, **xxxv**, 806; method of, **xliv**, 550.
- Rupture of, **vii**, 385, 390; **xl**, 661; **xliv**, 669; associated with abdominal contusion, **xxxv**, 331; by contusion, **xxxix**, 282; cases of, treated in St. Thomas' Hospital, **xxx**, 137; recovery after, **xvii**, 590; small, **xl**, 464; subcutaneous, after contusion of abdomen, **xxxvi**, 965; traumatic, of the, **xxxiv**, 293; traumatic, recovery after abdominal section, **xxxii**, 673; traumatic successfully treated by laparotomy and suture, **xx**, 485.
- Sarcoma of, causing intussusception, **xxiii**, 441; in childhood, **xxxii**, 616.
- Small, sarcoma of, **xl**, 242; studies in the surgical anatomy of, **xl**, 543.
- Signification of collapsed intestine in laparotomy for obstruction of, **iv**, 240.
- Stab wounds of, **v**, 547; **viii**, 139, 145; **xix**, 80; laparotomy for, **vii**, 397, 398; suture of, **ix**, 97.
- Stomach, and, bullet wounds of, recovery after laparotomy, **xxx**, 637; technic of operations upon the, **xlvi**, 163.
- Strangulation of, acute surgical treatment of, **ix**, 381; by an adhesion band, **xx**, 59; by Meckel's diverticulum, **xxvi**, 179; indicated by acute peritoneal effusion, **xxx**, 653; the wall of, **ix**, 459.
- Surgery of, **v**, 491; the large, **xxiv**, 105, 1, 200; of the large, contribution to, **xxv**, 351.
- Surgical relations of ileocaecal region, **iv**, 528.
- Surgical treatment of obstruction of, **vii**, 1, 53, 81, 99, 171, 199, 264, 329, 367, 376, 386, 387, 388, 389, 390, 421.
- Suture of, **ii**, 422; by stitches through all layers, value of, **xxxvi**, 50; circular, **vii**, 385; suture of, for typhoid ulceration, perforating the, **v**, 359.
- Suturing, holder for, **xxxiii**, 23; progress of repair on tenth day, **xxx**, 345.
- Transplantation of, for relief of stricture of rectum, **xvii**, 587.
- Treatment of obstruction of, caused by Meckel's diverticulum, **xxxv**, 471.
- Tubercular constrictions of, multiple, **xxvi**, 593.
- Tuberculosis of, **xxxvii**, 106.
- Tuberculous stricture of, **xviii**, 579.
- Tumor of large, **xxxi**, 763.
- Volvulus of, **xl**, 214; of the small, **i**, 498.
- Wounds of, **i**, 45, 46, 479, **xxxv**, 400; wounds of, treated by enterorrhaphy, **xxiii**, 205, 423, 440; treatment of, **xvii**, 97.
- Intestines, are they able to propel their contents in an anti-



- peristaltic direction (?), **xlvi**, 576.
- Review of Book: Surgery of Intestines and Stomach, by Wölfler, **xxv**, 640.
- Intracapsular fracture** of the femur, nailing a recent, **xlvi**, 469.
- Intracerebral hemorrhage**, traumatic, **xlvi**, 122.
- Intracranial abscess** due to typhoid bacillus, **xlvi**, 4.
- Hemorrhage, osteoplastic resection of the skull for, **xlvi**, 621; traumatic origin of, advisability of early operation in, **xliv**, 450; traumatic, operations in, **xliv**, 374.
- Implantation dermoid tumor**, **xxiii**, 573, 606.
- Injury**, operation, early, question of, in cases of, **xliv**, 801.
- Neurectomy**, **xxxvii**, 665; cases of, **xix**, 725; for facial neuralgia, **xl**, 264; for trifacial neuralgia, **xxi**, 296, 510, **xxxv**, 404; of the fifth nerve, **xvii**, 511.
- Surgery**, technic of, **xxvi**, 307.
- Trauma**, non-penetrating, question of operation for, **xlvi**, 25.
- Tumor**, removal of an, **iii**, 416.
- Intraligamentous elytrotomy**, **xvi**, 556.
- Intramediastinal bronchotomy**, **xxxvii**, 299.
- Intramural echinococcus**, **xii**, 393.
- Intraperitoneal bladder tears**, treatment of, **xliv**, 790.
- Cystotomy**, **xlvi**, 862.
- Wounds**, adhesions from, the prevention of, **xiii**, 71.
- Intraspinal tumors** surgical treatment of, **xlii**, 524.
- Intrathoracic operations** in positive and negative atmospheric pressure, **xlvi**, 784.
- Intra-uterine amputation**, case of, **xix**, 614.
- Fracture of the tibia** resulting in congenital ankle deformity, **xxii**, 777.
- Intravenous saline infusion** during hip-joint amputation, **xx**, 181.
- Infusions**, saline, hot, results of, **xxi**, 302; effects of, **xxix**, 288.
- Injection for the grave hemorrhages of midwifery**, **xvi**, 485.
- Intubation and tracheotomy** for diphtheritic croup, relative merits of, **xvi**, 367, 532.
- Larynx**, of, **iii**, 79; **iv**, 73, **xvii**, 370; and tracheotomy, **iv**, 523; for diphtheritic croup, **xii**, 361.
- Retained instruments**, **xxxi**, 547.
- Intussusception**, **ii**, 420, **iii**, 216, 240, **ix**, 92, **xxxiv**, 178, **xlii**, 952, **xliii**, 473, **xlvi**, 210.
- Acute**, **xxxv**, 411.
- Bowel**, resection of, for, **xli**, 304.
- Cases of**, **xx**, 418; a series of, **xli**, 415; in children treated by laparotomy, **xli**, 407.
- Chronic**, **xxx**, 643.
- Colon**, of, due to sarcoma, **xxviii**, 260.
- Gangrenous**, in a child, recovery after intestinal resection, **xxxvi**, 47.
- Ileocaecal**, caused by laparotomy, **xiv**, 508; due to myoadenoma of the ileum, **xlv**, 730.
- Ileocolic**, **x**, 77; in an adult, **i**, 875.
- Ileum**, of, due to traction of an adenoma, **xxiv**, 733.
- Intestinal**, **xlv**, 42; complicating typhoid fever, **xliv**, 111, 448; obstruction due to, **xxxi**, 180, 249, 251; Rydygier on the treatment of, **xxiv**, 243; of small, **x**, 303, **xlii**, 474.
- Laparotomy** for, **vii**, 53.
- Meckel's diverticulum**, of, **xi**, 796, **xxxv**, 32.
- Pathology and classification of**, **xxxviii**, 690.
- Subjected to operation**, **xliv**, 674.
- Surgery and pathological anatomy of**, **xxxi**, 766.
- Traction of intestinal sarcoma**, from, **xxiii**, 441.
- Traumatic**, **xliv**, 302.
- Treatment of**, **ii**, 79.
- Tuberculous abscesses**, treatment of, **x**, 146.
- Typhoid fever** in, **xxxix**, 604.
- Intussusceptions**, with prolapse through anus, operative technic of, **xxxviii**, 760.

**Invagination**, intestinal, vii, 14; operative treatment of, v, 544.  
**Iodine**, catgut, xlii, 321.  
 Injections, in hydrocele, xv, 140, xxiii, 243.  
**Iodoform**, absorption of, mechanical conditions attending, xxvi, 512.  
 Abuse of, xxvii, 676.  
 Action of, as an antiseptic, vi, 445; anti-bacterial, vii, 206; antiseptic, xxxviii, 894; anti-tubercular, vi, 445.  
 Antiseptic, as an, ix, 202; value of, xi, 17.  
 Antitubercular power of, x, 161.  
 Coffee to disguise the odor of, vi, 144.  
 Collodion, antiseptic protection of, ix, 351.  
 Emulsion, improved, xlix, 721.  
 Glycerin, and, glycerin intoxication after injections of, xxii, 128.  
 Gonorrhœa, in, oil of, vii, 301.  
 Injections, for bone and joint tuberculosis, xv, 1; in the treatment of hip-joint tuberculosis, xviii, 110; in psoas abscess, xv, 145; in treating tuberculous joints and cold abscesses, xii, 271, 450.  
 Poisoning, xxxiii, 352.  
 Skin eruptions, and, vii, 204.  
 Spermaceti mixture for filling bone-cavities, xlvi, 926.  
 Substitutes for, xxv, 371.  
 Use of, xxvii, 681; ethereal solutions of, as an injection in

the treatment of cold abscesses, ii, 493.  
 Review of Book: Iodoform in Surgery, by Mikulicz-Newell, viii, 476.  
**Iodoformized** oil injections in the treatment of bone-tuberculosis, xi, 73.  
**Irrigation** in arthritis, viii, 229.  
**Irritants**, local, action of, xxxviii, 895.  
**Ischaemic** muscular atrophy, xlv, 442; contractures and paralysis, xliii, 599.  
 Paralysis of forearm, xlvii, 459; and contracture of Volkmann, nerve involvement in, xlix, 330; Volkmann's, xlviii, 394.  
**Ischial tuberosity**, hygroma and fibroma of bursæ, xxxvii, 393.  
**Ischias scoliotica**, xix, 751.  
**Ischiatic arthrotomy**, xii, 454.  
**Ischiorectal fossa**, drainage of prostatic abscess through the, xlv, 103.  
**ISRAEL, DR.**: Experiences in the surgery of the kidneys, xx, 384; extirpation of prostate, xlv, 945.  
**Italian Surgical Society**, observations upon hernia at last meeting, xvi, 413.  
**IVERSON**: Peri-uterine suppuration, xvii, 221.  
**Ivory dowels**, periosteum for direct immobilization of the bony fragments and as support for the, xvii, 108.

J

**Jaboulay's** anastomosis button, xl, 282, xlii, 741.  
**JACKSON, CHEVALIER**: Tonsillar hemorrhage and its surgical treatment, xlvi, 821; tracheo-bronchoscopy, xlvii, 321.  
**JACKSON, EDWARD**: Dermoid cysts, of the orbit, xxv, 488.  
**JACKSON, GEORGE T.**: Diseases of the hair and scalp, vii, 238;

diseases of the skin, xvi, 593, xliii, 479.  
**Jacksonian epilepsy**, fractures of the skull treated by trephining, following depressed, xvii, 329, 332; trephining for, xxxix, 607.  
**JACOBSON, ARTHUR C.**: Telephonic searcher for use in the bladder, xlvi, 459.

- JACOBSON, NATHAN:** Case of brain tumor, **xiii**, 104; contribution to the surgery of malignant disease of prostate gland and of the tonsils, **xxxiii**, 269; domain of the knife in the treatment of carcinoma, **xvii**, 397; end results following operation for carcinoma of breast, **xlvi**, 43; tetanus and the serumtherapy, **xliv**, 321; toxic nephritis dependent upon surgical conditions, **xlvi**, 891; value of X-ray in diagnosis of renal stone, **xlvi**, 1056.
- JACOBSON, W. H. A.:** Healing of nerves, **xxxvi**, 627; practical points in the treatment of rodent ulcer, **viii**, 101.
- JACOBY, GEORGE W.:** Craniotomy for tumor of acoustic nerve, **xlvi**, 311.
- JAMIESON and DOBSON:** Lymphatics of the colon, **i**, 1077.
- JANEWAY, HENRY H.:** The serum reaction in cancer, **xlix**, 27.
- Jaundice,** and syphilis, **vi**, 355; cystic duct, accompanying obstruction of, **xxvi**, 284; obstructive, mortality in operations for, **xxxiv**, 165, 441.
- Jaw** (see also Maxilla), abscess of, containing amœbæ, **xvi**, 580.
- Ancient dislocation of lower, **viii**, 179.
- Ankylosis of, **xlii**, 137; bony, **vii**, 468; of lower, operation for relief of, **xiii**, 129; relieved by Esmarch's operation, **xxvi**, 241; relieved by Humphrey's operation, **xxvi**, 245; operation for, **xviii**, 39.
- Carcinoma of inner side of cheek, involving alveolar process of, **xlvi**, 313.
- Cicatricial ankylosis of, operations for relief, **xi**, 258; obviated by skin transplantation, **xi**, 377.
- Closure of, and its treatment, **vi**, 153.
- Common carotid in resection of, preliminary ligation of, **xxxv**, 684.
- Cyst-adenoma of, **xliv**, 627.
- Cystic tumor of, **ii**, 343.
- Dentigerous cyst of lower, **xlii**, 352.
- Exostoses of, **xxx**, 373.
- Fractures, treatment of, involving, **xviii**, 672; treatment of, **xxxviii**, 630.
- Gums, and, unilateral hypertrophy of, **iii**, 1; necrosis of, phosphorus, **iii**, 163.
- Lip, and face, clefts of, **i**, 578.
- Neck, and, fibrolipoma of, **xlii**, 500.
- Pharynx, and, sarcoma of, for removal of, partial excision and dislocation of, **vi**, 156.
- Phosphorus necrosis of, **vii**, 288.
- Sarcoma of, **xxiii**, 491; in young child, **xxxvi**, 285; partial excision of, for, **xxviii**, 383.
- Splint for fracture of, **xxxix**, 294.
- Tumor of, due to abnormal development of teeth, **xv**, 323; statistics of, **x**, 188.
- Review of Book: Certain Diseases of the Jaws, by Heath, **vi**, 348.
- Jaw, lower,** ankylosis of, resection of condyles for, **xv**, 79; appliance to correct the deformity after removal of one-half of, **xx**, 35, 78; backward dislocation of, **xvi**, 565; bilateral bony ankylosis of temporal articulation, surgical treatment of, **xxxviii**, 212; carcinoma of, **xxxi**, 498; with separation of the genial tubercle, **xix**, 653; fractures of, interdental splint for, **xli**, 1, **xlii**, 252; gunshot wound of lower, with great deformity, **xxiii**, 479; multiple fracture of the, treated with an interdental splint, **xlvi**, 826; necrosis of entire, **xxxix**, 294; cases of total necrosis of, **xxv**, 628; of total necrosis following osteomyelitis, **xxv**, 373; new method of reducing dislocation of, **xviii**, 76; operation for relief of ankylosis of, **xxviii**, 656; osteoma of, **xxx**, 372; resection of, for sarcoma, **xxxiii**, 330; sarcoma of,

**xl**ix, 614, 734; sarcoma of, resection, with long immunity from recurrence, **xxxii**, 291; total excision of, **xvii**, 296; tumor of, cystic, removal of, **vi**, 126.

**Jaw**, upper, carcinoma of, extirpation of, **xxiii**, 302; excision of, **xl**iii, 302; Heusner's resection of, **x**, 186; malignant tumors of, **vi**, 471; necrosis of, case of total, **xxv**, 629; of entire right, **xxvi**, 241; plastic after removal of tumor of, **xxxiv**, 836; resection of, **xxxv**, 683, **xxxvi**, 442; sarcoma of, **xxx**, 225, **xxiv**, 232, **xl**ii, 607; sarcoma removed without recurrence, **xix**, 688; tooth-bearing tumor of, **xl**ii, 310; tumor of the, use of skiagraphy in diagnosis of, **xxiv**, 490.

**JAYNE, WALTER A.**: Acute pancreatitis, **xlvi**, 841.

**Jejuno-ileostomy**, **vii**, 184.

**Jejunostomy**, a new method of, **xx**, 239; for case of inoperable carcinoma of the stomach, **xvii**, 310.

**Jejunum**, beginning of the, to find, **vi**, 503; direction of the, in the operation of gastro-enterostomy, **xlvi**, 481; operation in two stages for relief of ileus of, **xlvi**, 224; septic ulcer of, **xl**, 186.

**JENKINS, A. R.**: Asepsis in anti-septic dressings, **viii**, 35; calculus preputialis, **v**, 211; case of chronic cerebral abscess, **vi**, 480; padded board stretcher in the treatment of hip disease and various traumata, **viii**, 106; string drain, **v**, 415; technic of suture of fractured patella, **viii**, 186.

**JEPSON, WILLIAM**: Anuria, **xxvii**, 627; means of regulating inflation of the bladder preliminary to suprapubic cystotomy, **xxviii**, 258; primary sarcoma of the spleen and its treatment by splenectomy, **xl**, 80.

**Johns Hopkins Hospital Reports**, Report II on Gynecology, review of, **xix**, 633.

**JOHNSON, ALEXANDER B.**: Administration of ether, **xxviii**, 525; amputations for diabetic gangrene, **xxxi**, 500; anomalies of kidney and ureter, **xl**v, 125; appendicitis from misplaced appendix, **xlvi**ii, 137; bullet wound of stomach and small intestine—recovery, **xxx**, 637; carcinoma of cheek and lower jaw, **xxxi**, 498; carcinoma of the gall-bladder, **xxxviii**, 600; carcinoma of stomach, **xl**iii, 927; case of multiple melanotic, **xxx**, 221; case of recovery from perforating ulcer of the duodenum, **xxx**, 634; cases of cholelithiasis, **xxxvi**, 275; cases of ruptured spleen, **xxxi**, 735; Charcot's disease of the knee-joint—resection, **xxxi**, 130; cholecystectomy, **xxvii**, 602; complications after operations for appendicitis, **xxxi**, 448; contribution to the surgery of the kidney, **xxix**, 10, 218, 259, 320; cysto-sarcoma of thigh, **xxix**, 624; cystotomy for vesical calculus not demonstrated by X-rays, **xl**v, 766; enterostomy in peritonitis, **xxix**, 117; epidural hemorrhage, **xl**v, 137; excision of tubercular cervical lymph-nodes, **xxix**, 613; fibroma plus tuberculosis of the breast, **xxxii**, 604; fracture of carpal scaphoid, **xxxv**, 516; fracture of cervical vertebra, **xxix**, 341; fracture of the femur opening into the knee-joint, **xlvi**ii, 630, 631; fractures of forearm, **xxxi**, 738; gangrenous hernia, **xxxv**, 401; gastric ulcer, **xlvi**ii, 135; gastro-enterostomy, **xlvi**ii, 136; gastro-enterostomy for cicatricial obstruction of pylorus, **xxxix**, 1010; Gritti's amputation, **xxxii**, 602; hypospadias, **xlvi**ii, 816; intestinal obstruction after appendicectomy, **xxxii**, 292; laminectomy for dislocation of spine, **xxx**, 222; later history of tuberculous ureter after nephrectomy, **xxix**, 754; lesions

associated with gunshot wounds of stomach, **xlvi**, 777; long immunity from recurrence after resection of sarcoma of lower jaw, **xxxii**, 291; Malgaigne's operation for epithelioma of lip, **xxviii**, 381; nephrectomy for acute pyelonephritis, **xxxv**, 402; nephrectomy for calculous pyonephrosis, **xxx**, 328, **xxxv**, 403; nephrectomy for renal calculus, **xxxi**, 356; nephrectomy for tuberculosis, **xxvii**, 605, **xlvi**, 448, 455; nonrecurrence after removal of sarcoma of superior maxilla, **xxxii**, 134; observations of the effects on the skin by the discharge of small arms loaded with smokeless powder, **xxxix**, 798, 1006; œsophageal-thoracic fistula, **xlvi**, 771; pancreatic fistula, **xxxi**, 627; perforation of solitary ilium, **xxxi**, 260; plastic operations for epithelioma of lip, **xxxi**, 628, 632; post-typhoid suppurative synovitis of wrist, **xxxii**, 135; prostatectomy, **xxxi**, 408, 738, **xxxiv**, 426; pyonephrosis of a congenitally misplaced kidney—nephrectomy, **xlvi**, 797; recovery after suture of typhoid perforation of ileum, **xlii**, 927; removal of bullet from ilium, **xxxi**, 746; removal of nose for epithelioma, **xxvii**, 772; removal of tubercular lymphomata of the neck, **xxix**, 355; renal calculus, **xlvi**, 930; result of operation for perineal fistula, **xxxiii**, 47; result of operation for undescended testis, **xlvi**, 932; sarcoma of the abdominal wall, **xxix**, 363; sarcoma of femur treated by mixed toxins, **xlvi**, 136; semilunar cartilage of dislocated knee, **xxvii**, 773; stab wound of the abdomen with perforation of colon, **xxxv**, 400; stab wound of kidney, **xlvi**, 124; stab wound of liver, **xxxi**, 744; stereoscopic radiography, **xxxv**, 455; sterilization of knives, **xxxiii**, 639; sub-

phrenic abscesses, **xlvi**, 628; technic of prostatectomy, **xxxiii**, 477; tetanus treated by antitetanic serum, **xxxi**, 360, 370; traumatic rupture of kidney, **xxvii**, 774; traumatic rupture of liver, kidney and lung, **xxxi**, 247; treatment of fractured patella, **xxxiii**, 196; treatment of injuries of spinal cord, **xxx**, 332; treatment of malignant disease of upper jaw, **xxx**, 228; treatment of tuberculous ureter after nephrectomy, **xxix**, 611; treatment of wounds of liver, **xli**, 139; tubercular peritonitis, **xlix**, 267, 268, 270; tuberculosis of the cæcum, **xxxv**, 811; tuberculosis of femoral lymph-nodes, **xxvii**, 782; tumors of parotids, **xxvi**, 732; ununited fracture of clavicle treated by suture, **xxxviii**, 99; use of rubber gloves in operative surgery, **xviii**, 134; ventral hernia after operations for appendicitis, **xxix**, 625; vesical calculus containing an opened safety-pin as a nucleus, **xlvi**, 796, 797; volvulus, fatal case of, **xxx**, 101.

JOHNSON, HAROLD A.: Results of decapsulation of kidney, **xxvii**, 592.

JOHNSON, R. W.: Healing under a moist blood-clot in accidental wound, **xvii**, 276; method of retaining ends of fractured bones in apposition during fixation by plaster-of-Paris dressings, **xxxviii**, 415; strangulation of testicle from twist of the spermatic cord, **xix**, 530.

JOHNSTON, GEORGE BEN.: Comparative frequency of stone in the bladder in the white and negro race, **xxiii**, 129; contribution to the surgery of hepatic abscess, **xxvi**, 424; movable kidney, **xxi**, 129; splenectomy, **xlvi**, 50.

Joint (see also Ankle, Arthrectomy, Arthritis, Arthroplasty, Astragalus, Dislocation, Dys-trophies, Elbow, Hip, Knee,



- Metacarpophalangeal, Sacroiliac, Shoulder, Temporomaxillary, Tuberculosis, Wrist), affections, after gunshot wounds, indications for excision of, **v**, 326; of venereal origin, **xxviii**, 725.
- Ankylosed, resection and osteotomy, **viii**, 230; bony, treatment of, **xliv**, 740.
- Disease by rest and fixation, treatment of, **iii**, 175.
- Fracture, simple, around and penetrating into, treatment of, **viii**, 454.
- Hip-, chronic rheumatic arthritis of, **iv**, 529.
- Humero-radial-, old dislocation of, **iv**, 530.
- Inflammation treated by irrigation and injection, **viii**, 229.
- Knee-, antiseptic irrigation of the, for chronic serous synovitis, **iii**, 442; excisions of, in children, **iii**, 258; gunshot wounds of, **iii**, 528; rupture of ligamentum patellæ of, **iii**, 187; tuberculosis of, operation in, **iii**, 176.
- Lung tuberculosis, co-existing, disease in, amputation for, **v**, 101.
- Neuropathic affections of, **vi**, 88.
- Operations, technic of, **xxxiii**, 98.
- Paralysis, infantile, treated by excision of, **iii**, 102.
- Paralytic, operative treatment of, **viii**, 320.
- Patella, after wiring a fracture of, inflammatory adhesions in knee, **iii**, 261.
- Suppuration, acute, after correction of ankylosed, by manual force, **viii**, 319.
- Resection, for tuberculosis, **xxiii**, 181.
- Hereditary syphilis of the, histology and radiography of, **xliv**, 740.
- Tuberculosis of, **xl**, 153.
- Tuberculous, influence of resection in producing diffused tuberculosis, **vii**, 70.
- Joint-disease**, cause and correction of deformity after hip-, **ii**, 168; Charcot's, case of, **xxi**, 588; compound dislocation of elbow, **ii**, 160; excision of ankle-, **ii**, 166; fixation of bones after resection of knee-, **ii**, 258; incision into the knee-, following fractured patella, **ii**, 159; resection of maxillary, for bony ankylosis, **ii**, 415; tuberculous, treatment of, **i**, 848.
- Joint-diseases**, hot air in, **xxix**, 155, 279; pathogenesis, **x**, 225.
- Joints** (see also Hip, Temporomaxillary), acute osteomyelitis of, **ii**, 162.
- Ankylosis of both hip-, resection and osteotomy, **ii**, 169, 170.
- Ankylosed, restoration of function in, **xxxiv**, 452.
- Bacteria in metastatic inflammation of, **i**, 486.
- Bones, and, tuberculosis of, conservative and operative treatment of, **xii**, 455.
- Drainage *vs.* excision, **viii**, 396.
- Fibroma arborescens of, **xviii**, 674.
- Final results of resections, **ii**, 516.
- Floating bodies in, **xxii**, 327.
- Gunshot wounds of, **xliv**, 743.
- Hæmophiliacs, diseases in, **xvi**, 287.
- Hereditary syphilitic disease of, **i**, 488.
- Hot-air treatment of painful, **xxvi**, 455.
- Posture of inflamed, **ii**, 160.
- Surgical affections of, treated under Listerian precautions, **ii**, 61.
- Tendon-sheaths and bursæ, gonorrhœal inflammation of, **xxvi**, 737.
- Tubercular affections, modern operative treatment, **vii**, 241.
- Tuberculous, passive congestion in the treatment of, **xvii**, 495; treatment by injection, **xv**, 1; treatment of, in the Breslau clinic, **xxix**, 393.
- Wounds of large, results of, made by modern military projectiles, **xxxvi**, 368.
- Reviews of Books: Inflammations of the Joints, by Schneller, **vii**, 318; Operative

- Treatment of Tuberculous Joints, by Billroth, **xvi**, 582.
- Jobert's operation**, a new method of doing, **xliii**, 426.
- JONAS, A. F.**: Contribution to the literature of old irreducible dislocations of shoulder-joint, **xxvii**, 756; contribution to the surgery of suprarenal capsule, **xxvii**, 436; operative method for inveterate and relapsed cases of talipes equinovarus, **xxix**, 449.
- JONES, C. N. D.**: Etiology, pathology, and operative treatment of rhachitic deformity, **ix**, 241.
- JONES, DANIEL FISKE**: Intraperitoneal rupture of bladder, **xxvii**, 215.
- JONES, ROBERT**: Castration in enlargement of prostate, **xxv**, 381; disease in sacro-iliac articulation, **xvii**, 285; fracture of the base of the fifth metatarsal bone by indirect violence, **xxxv**, 697; notes on derangements of the knee, **i**, 969; metatarsalgia, **xxviii**, 297; treatment of infantile spastic paralysis, **xxvii**, 415.
- JONES, WILLIAM**: Obstruction of the internal urinary meatus by folds of the mucosa, **xlvi**, 249; report of a case of recovery from perforating typhoid ulcer of intestines after operation, **xxxiv**, 176.
- JONES, WILLIAM D.**: Improved technic for avoidance of fistula after cholecystostomy, **xxvii**, 53.
- JONES, W. J.**: Improved technic for avoidance of fistula after cholecystostomy, **xxvii**, 53.
- JOPSON, JOHN H.**: Anthrax in Philadelphia, **xxxiv**, 711, **xxxv**, 527, **xlii**, 296; appendicitis recurrent after operation, **xlix**, 285; appendicitis in typhoid fever simulating perforation, **xlii**, 611, 738; control of extradural hemorrhage, **xxvii**, 452; double ankylosis of hips, after coxalgia, **xxxvi**, 286; favorable effect of X-ray and Coley's fluid upon sarcoma of neck, **xlii**, 134; fracture of the femur during childbirth, **xxxiii**, 783; fracture of the head of tibia, **xlii**, 617; gunshot injury of left hypoglossal nerve, **xlvi**, 159; hemorrhage from the bowel following appendectomy, **xlvi**, 631; hemorrhage from rupture of middle meningeal artery, **xxvii**, 341; hernia of the ovaries in an infant, **xliv**, 959; hernia of the uterus through the inguinal canal, **xi**, 98, 154; iliac abscesses simulating appendicitis, **xxxv**, 658; infantile paralysis treated by tendon transplantation and nerve anastomosis, **xlvi**, 475, 476; multiple fractures involving the upper extremity, **xlvi**, 318; non-deforming club-foot, **xxxvi**, 289; oesophagotomy for impacted coin, **xlvi**, 298; penetrating wound of the abdomen, **xlix**, 147; perforated gastric ulcers, **xlix**, 734; perforating pyloric ulcer, **xlix**, 724; perforating typhoid ulcer in children, **xxxix**, 124; peritonitis without visceral lesion, **xliv**, 955; primary tuberculosis of the cæcum, **xlvi**, 635, 637; radical cure of umbilical hernia in a child with preservation of navel, **xlvi**, 306; recovery from self-inflicted complete subhyoid laryngopharyngotomy, **xlvi**, 636; rupture of gall-bladder with profound toxæmia, **xi**, 424, 431; rupture of middle meningeal artery, **xxxix**, 452; silver plate and screw-fixation in fractures of tibia, **xlii**, 774; stab wound of internal mammary artery, **xliv**, 948; stab wound of lung treated by suture, **xliii**, 150; subphrenic abscess following appendicitis, **xlvi**, 467; suture of perforated gastric ulcer—recovery, **xliii**, 773; tendon transplantation, **xxxvi**, 288, **xlvi**, 635; tumors of the breast in childhood, **xlvi**, 662; vicious circle after gastroenterostomy, **xliii**, 770.

JORDAN, DR.: Acute infectious myelitis of the upper end of femur, **xv**, 490; concerning ligature of carotis communis, **xlvi**, 931.

JOY, HENRY M.: Fracture of os calcis, **xxiv**, 39.

JUDD, E. L.: Acute hemorrhagic pancreatitis, **I**, 1234; carcinoma of breast, **xlvi**, 145; surgery of peritoneal tuberculosis, **xlvi**, 145.

**Jugular vein**, internal, ligature on one side of, followed by cerebral softening, **xxvi**, 382; resection of internal, for sinus phlebitis, **xxxiv**, 571; rupture and ligature of internal, **ii**, 89; subclavian and internal jugular veins and axillary artery, simultaneous ligature of, **v**, 256; thrombosis of, **xxxix**, 276; wound of internal, **v**, 539; internal, synchronous ligation of both, **xxxvi**, 394.

## K

Kader's method of gastrostomy, **xxv**, 88, **xxix**, 111.

KALTEYER, FRED, JR.: Blood changes induced by ether as an anæsthetic, **xxxiv**, 329.

KAMMERER, FREDERICK: Acute intestinal obstruction, **xlvi**, 314; the advantage of the lateral position in certain operative procedures, **xl**, 302; anæsthetics in operations for typhoid perforations, **xxxvii**, 287; appendicitis, **xvii**, 201; artificial anus for relief of chronic ulcer of lower bowel, **xxxvii**, 445; arthrotomy for old dislocation of hip-joint, **xvii**, 588; avulsion of brachial plexus, **xlix**, 137; benign obstruction of pylorus, **xxxii**, 17; treated by gastro-enterostomy, **xxxiv**, 300; backward dislocation of elbow—ulnar paralysis, **xlvi**, 621; benign stricture of œsophagus, gastrostomy—dilatation by string method, **xlvi**, 147; bilateral renal calculi, **xliv**, 113; carcinoma of liver, **xxxiv**, 185; carcinoma of œsophagus, **xxxii**, 298; carcinoma of the pylorus, **xxxix**, 106; case of biliary colic, due to adhesions, **xvii**, 333; case of goitre, **xxvii**, 764; case of intermittent hydronephrosis, **xxvii**, 542; case of cholecystectomy, **xl**, 128, 130; case of Charcot's

joint-disease, **xxi**, 588; a case of hydronephrosis and nephrectomy, **xix**, 497; a case of vasectomy for hypertrophy of prostate, **xxvii**, 768; cavernous angioma of face, **xxxvi**, 268; cervical ribs, **xxxiv**, 578, 637; colostomy in cases of stricture of rectum, **xxviii**, 521; chronic pancreatitis, **xxxix**, 588; closure of large defects in the abdominal wall, **xxxviii**, 118; danger of intestinal anastomosis by button, **xxi**, 74; diagnosis of appendicitis, **xxxiii**, 632; dislocation of the thumb reduced by operation, **xxvii**, 654; double trephining for relief of pressure from brain tumor, **xix**, 685; effects of removal of colon, **xxxvii**, 617; epithelioma of leg, **xxiv**, 53; excision of bladder for carcinoma, **xl**, 263; exclusion of a segment of intestine for relief of fecal fistula, **xxvii**, 537; exophthalmic goitre, **xxi**, 66; experience with castration for hypertrophied prostate, **xxiii**, 742; exploratory nephrectomy, **xxvii**, 655; external œsophagotomy in the treatment of stenosis of the œsophagus, **xxi**, 307; external œsophagotomy for relief of stricture of the œsophagus, **xx**, 735; foreign body in larynx, **xxxix**, 1020; gastro-

enterostomy, **xxx****i**, 759, **xxxvii**, 941, **xxxix**, 594; for benign tumor of pylorus, **xxxix**, 1009; for hæmatemesis, **xl**, 263; gastroptosis with vomiting, posterior gastro-enterostomy for, **xxxiv**, 302, 305; gastrostomy, **xvii**, 594; for stricture of the œsophagus, **xxxix**, 297; hemorrhage from rupture of tubal pregnancy, laparotomy, recovery, **xvii**, 210; from spleen in typhoid fever, **xxxvii**, 288; hour-glass contraction of stomach, **xxxvii**, 281; hydro-nephrosis, **xl****iii**, 627; ileocaecal resection for tuberculosis, **xxxix**, 1010; incomplete and complete exclusion of gut for fecal fistula, **xxv**, 475; infection of ureter by catheterization, **xxx****i**, 751; inflammatory tumors of pylorus, **xxxix**, 281; intestinal obstruction after appendicitis operation, **xxxix**, 585; from carcinoma of cæcum, **xix**, 97; from Meckel's diverticulum, **xvii**, 342; intussusception, **xxxiv**, 178; irreducible gangrenous femoral hernia, **xxxii**, 299; laparotomy for strangulated hernia, **xxi**, 596; laryngectomy, **xl****ix**, 864; late result of case of excision of rectum for carcinoma, **xxviii**, 523; ligation of first portion of the subclavian for aneurism, **xxx****i**, 371; ligation of thyroid arteries for Graves's disease, **xxxv**, 513; local anæsthetics, **xxvii**, 669; lymphosarcoma, **xl**, 267; malignant disease, **xvii**, 710; mammary cysts in males, **xix**, 87; modified incision for quiescent appendicitis, **xxvi**, 225, 228; molluscum fibrosum, **xxx**, 343; multiple symmetrical lipoma, **xl****v**, 141; musculospiral paralysis, **xxx****i**, 755; myxosarcoma of sciatic nerve, **xxxv**, 640; nephrectomy for carcinoma and for tuberculosis, **xxix**, 753; for renal cysts, **xxxiv**, 419; for sarcoma, **xl**, 597; for tumor of kidney, **xl**, 260;

nephrectomy on tubercular kidney, **xxvi**, 239; operation for bronchiectasis, **xl****ix**, 865; for carcinoma of bladder, **xxvi**, 357; for carcinoma of stomach, **xl****ii**, 117; for neoplasms of tongue, **xl****v**, 628, 630; for prolapse of rectum, **xxi**, 45; for total prolapse of uterus and rectum, **xix**, 97; operative treatment of hernia, **xxi**, 590; osteomata of nasal cavity, **x**, 98; osteoplastic amputations, **xxxiii**, 638; osteoplastic resection of sacrum as a preliminary to resection of rectum, **xix**, 677; of the skull for traumatic epilepsy, **xxx****i**, 364; partial gastrectomy for carcinoma, **xl****v**, 129; perineal prostatectomy, **xl****iii**, 621; peritonitis from unknown causes, **xxxvi**, 785; perineal prostatectomy, **xxxvii**, 622; pin in appendix vermiformis, **xxii**, 274; plastic of face, **xxxiv**, 837; plastic on cheek, **xxxviii**, 114; plastic operation for restoration of lower lip, **xl**, 598; points in the technic of resection of rectum, **xxi**, 1, 58; posterior gastro-enterostomy, **xxix**, 486, 752; pylorotomy for carcinoma, no recurrence, **xxxvii**, 444; recent contribution to rectal surgery, **vii**, 137; relief of fecal fistula by partial exclusion of intestine, **xxviii**, 383; removal of biliary calculi from the common duct by the duodenal route, **xxviii**, 518; of greater part of stomach for carcinoma, **xxxiii**, 197; resection of bladder, **xxvii**, 370; of pneumogastric nerve, **xxiii**, 741; of pylorus for benign stenosis, **xxxix**, 587; of rectum for syphilitic stricture, with end-to-end anastomosis, **xl****iii**, 146; results of operation for calculus and tuberculosis, **xl****vii**, 1022, 1024, 1053; sarcoma of colon with intussusception, **xxviii**, 260; sarcoma of kidney, **xxiii**, 747, **xix**, 93; of neck, **xxxvii**, 938; separa-

tion of upper epiphysis of humerus with dislocation, **xlvi**, 624; silver-wire matting for ventral hernia, **xxxiv**, 573; spinal anæsthesia, **xxxiii**, 203; splenectomy, **xix**, 688; for splenic anæmia, **i**, 484; spontaneous refracture of a healed fracture of the femur, **xxxix**, 105; strangulation of intestine by Meckel's diverticulum, **xxvi**, 179; subdural hæmatoma, **xxxiii**, 329; subphrenic abscess, **xxxiii**, 194; suprapubic lithotomy, double nephrotomy, nephrectomy, **xxvii**, 663; surgical invasion of anterior mediastinum, **xxxiii**, 56; technic of gastroenterostomy, **xxxiv**, 835; the radical cure of femoral hernia, **xxxix**, 982, 1015; the Murphy button in gastroenterostomy, **xxvi**, 122; typhoid with double perforation of the ileum and perforation of the gall-bladder, **xlvi**, 141; thyroidectomy for exophthalmic goitre, **xxii**, 792; traumatic rupture of kidney, **xxvii**, 775; traumatic paralysis of musculospiral nerve, **xxv**, 624; traumatic torticollis, **xxxiii**, 628; treatment of abdominal contusions, **xxxvii**, 108; of general septic peritonitis, **xxvi**, 237; of prolapse of the rectum, **xxvi**, 247; of sarcoma of radius, **xxiii**, 182; of tuberculous ureter left after nephrectomy, **xxix**, 757; tumor of brain, **xxiii**, 748; of parotid, **xlili**, 624; unilateral infections of kidney, **xlvi**, 1058; use of gloves in operative surgery, **xxviii**, 135; value of enterostomy and of conservative operative methods in the surgical treatment of acute intestinal obstruction, **xlvi**, 799; volvulus of parovian cyst, **xl**, 260.

KAREWSKI: Syphilomata, surgically important, **xiv**, 73.

KEEFE, JOHN W.: Cases of radical cure of psoas abscess by operation, **xxv**, 727.

KEENAN, C. B.: Primary carcinoma of appendix, **xlvi**, 560; of tongue, **xxxix**, 956.

KEENE, THOMAS VICTOR: Bacillus pyocyaneus septicæmia, **xl**, 613.

KEEN, W. W.: Amputation of entire upper extremity, **xxi**, 715; apparatus for siphonage of cavities, **xxiii**, 174; apparent disappearance of supposed malignant tumor of stomach after exploratory section, **xxv**, 750; apparatus for retaining patients in any desired position, **xlvi**, 135; bone defect in skull filled by bone chips, **xlvi**, 296; Car-gile membrane, **xli**, 788; case of anthrax, **xlvi**, 295; case of wiring the patella for old fracture, **xxii**, 671; choice of operations on male bladder, **xxx**, 360; combined tubular and capillary drainage of wounds, **i**, 269; cystosarcoma of omentum, **xxvii**, 220; dangers attending the use of peroxide of hydrogen in certain cases, **xxvii**, 382; dislocation of semilunar cartilage of knee-joint, **xl**, 285; effect of ligature of the spermatic cord on prostate gland, **xxiii**, 485; extensive compound fracture of skull, **xxiii**, 488; excision of branchial fistula, **xlvi**, 791; facial deformity following a burn, **xxviii**, 138; foreign bodies in bladder, **xxv**, 748; in œsophagus, **xxii**, 111; fracture at anatomical neck of humerus, with dislocation of the head into the axilla, **xlvi**, 945, 968; fracture of the greater tuberosity of humerus with dislocation of humerus into the axilla; nailing of fragment of tuberosity in place, **xlvi**, 938, 968; galactocoele, **xl**, 275; gastroplication for dilatation of stomach, **xl**, 279; gastrostomy by Witzel's method for carcinoma of the œsophagus, **xviii**, 638; gunshot wound of the lung, **xxvii**, 100; gunshot wound of optic nerve, **xix**, 693; hæmostasis in



hip-joint amputations, **xxviii**, 138; indications for early laparotomy in appendicitis, **xiii**, 255; instruments for opening the skull, **i**, 653; intestinal obstruction from carcinoma of the hepatic flexure of colon; enterostomy, later ileocolostomy by means of Murphy's button, **xvii**, 652; inveterate tri-facial neuralgia, pathology and treatment, **xvii**, 713; Jaboulay's button, **xi**, 282; metatarsalgia, **xvii**, 718; new method of operating for relief of deformity from prominent ears, **xi**, 49; nephrorrhaphy, **xii**, 81; new method for compressing the subclavian artery and for ascertaining whether the bladder is or is not ruptured, **xii**, 33; operation for carcinoma of stomach, **xl**, 972; operative cure of hernia, **xxi**, 720; pancreatic cyst, **xxv**, 492, **xl**, 130; popliteal aneurism, **xxii**, 392; resection of the liver for neoplasm, **xxx**, 267; rhinophyma, **xxxix**, 665, 818; restoration of urethra after sloughing, **xxi**, 713; rupture of the tendon of biceps flexor cubiti, **xli**, 756, 789; screw fixation in intracapsular fracture of femur, **xl**, 284; severe burn of top of head at seven months of age followed by necrosis of entire osseous cap of cranium, **xl**, 641; sprain-fractures, **xi**, 285; stretching of facial nerve, **iv**, 1; sterilization of catgut by bichloride of palladium and bichloride of mercury, **xxii**, 801; by the Jefferson method, **xxvii**, 49; tendency to recurrence after amputation at hip-joint for sarcoma, **xxxiv**, 584; technic of laryngectomy, **xxx**, 1; treatment of carcinoma involving walls of great vessels, **xxvii**, 94; of fractures, **xxxix**, 818; of traumatic lesions of kidney, **xxiv**, 138; of polypus of colon, **xxviii**, 140; thoraco-

plasty, **xxi**, 721; Trendelenburg posture during operations on cavities of the mouth, nose, and trachea, **xxvi**, 96; two cases of ligation of external carotid artery for hemorrhage, **xxxiv**, 21; use of gloves in surgical operations, **xxvii**, 224; of Röntgen rays in diagnosis of renal calculi, **xxx**, 264; venous angioma of hand, **xxii**, 393; venous angioma of foot, **xxii**, 394; washing out bladder after renal colic, **xix**, 691.

KEETLEY, C. B.: Appendix vermiformis, **i**, 1342; carcinoma and cancerous diseases, **vii**, 195; contagion through the use of ether inhalers, **vi**, 137; cure of varicocele, **viii**, 205; dangers of modern operative measures for radical cure of hernia, **i**, 129; disarticulation at the hip-joint, **ii**, 468; etiology of fractures of skull, **viii**, 287; French Congress of Surgery and radical cure of hernia, **viii**, 26; laceration of knee-joint, **vi**, 35; laparotomy in the treatment of strangulated hernia, **iii**, 459; management and treatment of old umbilical hernia, **vi**, 193; material organization of surgical clinic at Paris, **vii**, 283; nature and origin of tetanus, **vii**, 45; model operating theatre and its fittings, **vii**, 441; new treatment of cervical dermoid cysts, **viii**, 386; notes on plastic surgery, **vi**, 97; notes on wry neck and its treatment, **vii**, 252; obstinate club-foot treated by division of ligaments, **ii**, 166; osteoclasia, **iv**, 417, **v**, 40; "plastic" amputation of foot, **viii**, 441; radical cure of hernia, **viii**, 5; simplification of postoperative treatment of resection of knee-joint, **vi**, 424; scraping out the marrow for osteomyelitis, **i**, 1; stiffness and tenderness of the metacarpophalangeal joint of the great

- toe and hallux flexus, **vi**, 218; the etiology and essential nature of scoliosis, **vii**, 126.
- KEHR: Statistics of seven hundred and fifty laparotomies for gall-stones, **xxxviii**, 141.
- KEILLER, WILLIAM: Anatomy of a case of cystic adenoma of thyroid gland, **xliii**, 327.
- KELLY, HOWARD A.: Acid intoxication, its significance in surgical conditions, **xli**, 161; cylindrical instruments for use through rectal specula, **xxxvii**, 924; cystoscopy and catheterization of the ureters in the male, **xxvii**, 475; the fat appendix, **i**, 474; ideal dressing for abdominal wounds, **xv**, 496; improved lock for paired instruments, **xix**, 231; new method of examination and treatment of diseases of rectum and sigmoid flexure, **xxi**, 468; the examination of the bladder and the catheterization of the ureters in men, **xxvii**, 71; the use of a steel comb for dissection in axilla, **xliv**, 104; uretero-ureteral anastomosis, **xix**, 70.
- KELLY, JAMES A.: Carbolic acid gangrene of the finger, **xlix**, 245; cystic dilatation of the vermiform appendix, **xlix**, 524; dislocation forward of the atlas with fracture of the odontoid process of the axis, **xlii**, 245.
- Keloid, effect of X-rays on, **xxxix**, 454; massive, of face and hand, **i**, 332; multiple, **xxxiv**, 706; of median nerve, traumatic, **xxxiii**, 13; thiosinamin in the treatment of, **xxxiv**, 708.
- KENERSON, VERTNER: Gangrene of the hollow viscera, **xl**, 364.
- KENNER, E. B.: Chewing-gum nucleus of vesical calculus, **xliv**, 292.
- KENYON, JAMES H.: Experiences in cerebral surgery, **xlv**, 481.
- KERR, NORMAN: Combined superior tibiofibular and astragalo-fibular osteoplasty as a means to prevent shortening of the leg after extensive osteomyelitis of the tibia occurring after adolescence, **xliv**, 425.
- KEYES, E. L.: Choice of operation for stone in bladder, **xv**, 180; comparison of the merits of cystotomy, suprapubic and perineal, **xxx**, 108; points in syphilology, **ii**, 299; treatment of stone in the bladder when associated with hypertrophy of the prostate, **xxvii**, 571; tuberculosis of the testicle, **xlv**, 918.
- Kidney (see also Hydronephrosis, Hypernephroma, Nephrectomy, Nephrolithiasis, Nephropey, Nephrotomy, Pyonephrosis, Renal), abnormal **xxiv**, 498.
- Abscess of, bilateral, **xxiii**, 440; in the fatty capsule of, **xxv**, 660; multiple, **xxiii**, 262, 282; nephrectomy for, **xxi**, 65, **xxv**, 190, **xxvii**, 366.
- Acute hæmatogenous infection of one, in persons apparently well, **xlvi**, 680.
- Acute surgical, **xxxix**, 581.
- Anæsthetics, effect of, upon, **xix**, 630.
- Bilharzia hæmatobia* in, lesions caused by eggs and embryos of, **iv**, 350.
- Bladder, and, cancer of, discussion on, at International Surg. Soc., 1908, **xlix**, 118.
- Bleeding, **xlix**, 628, 652; with macroscopically unaltered kidneys, **xxx**, 768.
- Board and arm-gallows, **xlvi**, 294.
- Calculus, colossal, of the, successfully removed, **xlvi**, 1028, 1054; enormous, removal of, from, **vi**, 185; exploration of, in cases of suspected, **xxviii**, 663; extirpation of, for, **xxx**, 328, **xxxi**, 356; with abscess, **xlix**, 840; with nephrolithotomy, **x**, 339.
- Carcinoma of, **iii**, 427; extirpation of, for, **xxix**, 753; primary, **xxxiv**, 827; right, **v**, 260.
- Child, in a, **xli**, 299; extirpation of, **xii**, 290.

- Chloroform on, influence of, **xix**, 719, 720.
- Circulation in the, observations upon, **xxv**, 660.
- Clamp, use of, on vessels after extirpation, **xxxi**, 359.
- Congestive phenomena in the pathology of, **xxx**, 769.
- Cyst-wall, calcification of, cystic dilatation of, with, **xxi**, 698.
- Cystic, **xxxix**, 598; degeneration of, **xlvi**, 241; degeneration of the, cases of, at the Roosevelt Hospital, **xxix**, 249; large, **xliv**, 959; sarcoma of, in an infant, **xlvi**, 161; true, surgery of, **xxxiv**, 811.
- Cystine calculus of, nephrectomy, **xxxvii**, 294.
- Cysts of, intermittent, **xxv**, 529; multilocular, of the contribution to the surgery of, **xxxiii**, 147.
- Decapsulation of, effect of, upon hæmaturia from chronic nephritis, **xxxix**, 370; for Bright's disease, **xxxix**, 617; results of, **xxxvii**, 592.
- Diagnosis of, **xxix**, 260.
- Digital exploration of, **vi**, 187.
- Drainage, permanent, of both, through lumbar opening, **xlvi**, 148; permanent, method of, of both, after nephrostomy, **xlvi**, 406; through renal fistula in the loin, **xlvi**, 430, 952.
- Excision of, **ii**, 85, 336, 423, 424, 425; exploratory, **ii**, 86, 87.
- Extirpation of, **iv**, 2, 56, 259, **xix**, 98, 497, **xxv**, 402, 403, 413, 638; for calculous pyonephrosis, **xxx**, 328; for suprarenal tumor, **xxxi**, 759; for tuberculosis, **xxxviii**, 524; of thyroid of, **iii**, 165; partial, **xii**, 293, 383; Weir, **i**, 309.
- Failure after removal of other kidney, **xxxiii**, 225, 336, 342.
- Fibrinous calculi in, **xlvi**, 378.
- Fibrolipoma of, **xxvi**, 128.
- Floating, fixation of, **iii**, 170; cystic, **viii**, 42; etiology of, **xxx**, 771; with floating gall-bladder, **xxvii**, 199.
- Fetal type, adult, of, **xxxiv**, 203.
- Fracture of, recovery after nephrectomy, **xxxiii**, 714.
- Function, the freezing point of the blood as an index to, **xxxiii**, 96.
- Functional power of, determination of, **xxxvi**, 308, **xlvi**, 724.
- Gunshot wound of, perforating, cases of, **xxiv**, 717; laparotomy and suture, **xxi**, 115.
- Hæmatogenous infection of, acute, **xl**, 1010.
- Hemorrhage from, without organic changes, **xxix**, 382.
- Horseshoe, **xx**, 731, **xxxiv**, 580; containing calculi, **xliv**, 714; unilateral extirpation of, **xl**, 136.
- Hydatid cyst of the, **xxxvi**, 95, 449.
- Hydronephrosis of, **xxxiii**, 73, **xlvi**, 625; removal of, for, **xxv**, 744.
- Hypernephroma, **xxxix**, 464, **xl**, 1005, **xlvi**, 418, **xliv**, 428.
- Incision of, discussion on, at French surgical congress, **xxix**, 366; for removal of enormous number of calculi, **xxx**, 347.
- Infections, acute unilateral hæmatogenous, of, **xlvi**, 1054.
- Injuries of, **xv**, 81; traumatic, **vi**, 439; **i**, 715.
- Kryoscopy in the diagnosis of affections of, **xxxvi**, 968.
- Lacerated, treated by nephrectomy, **xvi**, 579.
- Laceration of, **xxxviii**, 121; with fatal hemorrhage, **xxv**, 455.
- Laparotomy for removal of a large cystic sarcoma of, **vi**, 257.
- Lesions, traumatic, treatment of, **xxiv**, 138.
- Lipoma of, **xlvi**, 707.
- Liver and lung, traumatic rupture of, **xxxi**, 247.
- Malposition of, **xxxiii**, 74.
- Movable, **xxi**, 129, **xxix**, 706, 761; treated by nephrorrhaphy, **xvii**, 755; unsuspected lesions of, discovered during nephropexy, **xl**, 215.
- Multiple and consecutive opera-

tions on, for calculi, **xlvi**, 600.  
 Multiple cystic degenerations of, **xxxiv**, 419.  
 Multiple infarcts of, in a child, nephrectomy for, **xliv**, 541.  
 Nephrectomy by abdominal section for hydatids of, **v**, 273; in contemplated, of other, **xxvii**, 425, **xxx**, 385; for gunshot wound of, **vi**, 166; for pyonephrosis, **xi**, 289, **xli**, 131; for renal calculus, **xxxix**, 1018.  
 Nephrolithiasis, incision in cases of, **xxvi**, 320.  
 Nephrorrhaphy for floating, **vii**, 192.  
 Neuralgia, for, free division of capsule of, **x**, 104.  
 Obstructive dilatation of, due to papilloma of the renal pelvis, **xxxix**, 743.  
 Operation for, cases of, **xli**, 292; report, of cases of, **xvii**, 243.  
 Operations on, for tuberculosis, results of, **xxxvi**, 515; in the Zurich clinic, **xxxvi**, 642; upon the, at the German Hospital in Philadelphia, **xxxvi**, 87, 130.  
 Palpation of, **xi**, 237.  
 Paranephritic abscess, **ii**, 358.  
 Pelvis, and, contribution to the surgery of, **xxvii**, 416, 542.  
 Phthisis renalis, for, extirpation of, **viii**, 226.  
 Polycystic, **xxxix**, 467.  
 Prolapsed, method of suturing, **xxxviii**, 769.  
 Pyonephrosis, for, extirpation of, **ix**, 467; of a congenitally misplaced, **xlvi**, 197.  
 Removal of, **i**, 156, **xli**, 126, 127, 129, 131; case of, **xxi**, 31; for tuberculosis, **xxxvii**, 605.  
 Renal calculi, **ii**, 271, 423, 424.  
 Resections of, Kummel on, **xviii**, 566.  
 Retention, conservative operations for, **xxxiii**, 369.  
 Retro- and intraperitoneal incision for tumors of, **iv**, 445.  
 Right, multiple septic infarcts of, nephrectomy, **xliv**, 619.  
 Röntgen-ray diagnosis of, **xxxix**, 748.  
 Rupture of, **iv**, 192, **xxxvii**, 97, **xlvi**, 792, **xlvi**, 709; Reeves

on treatment of, **i**, 371; subcutaneous, **xxxvi**, 346, 899, 967; traumatic, **xxvii**, 774.  
 Ruptured, case of, **xiv**, 120; cases of, **xix**, 641.  
 Sacculated, operative treatment of, **xxxiii**, 637.  
 Sarcoma of, **xx**, 176, 373, **xxxiii**, 259, 747, **xliv**, 429; extirpation of, **xxi**, 223; in children, **xxvi**, 529; nephrectomy, **xvii**, 68, **xxi**, 75, **xxii**, 269, 270, **xxx**, 317, **xl**, 595; operative treatment of, **xix**, 58; recurrence after removal, **xxv**, 360; no recurrence after nephrectomy, **xxvii**, 364; recurrent, removal of, **xxv**, 745; removal of, for, **xix**, 92.  
 Single, with two ureters, **xlvi**, 955.  
 Stab wound of, **vi**, 187.  
 Stone in, **xxxiii**, 257, **xxix**, 237, **xlvi**, 930; cases of operation for, **xxii**, 716; causing death after operation for appendicitis, **xxvi**, 369; detection of, by Röntgen rays, **xxx**, 178; diagnosis of, by the X-ray, **xxxiii**, 239, 343; diagnosis of obscure cases of, **xlvi**, 905; its diagnosis and the indications for treatment of, **xv**, 169; -stone, colossal, **xlvi**, 1057; large branched, in each, **xlvi**, 766; manipulation without incision as possible treatment in, **vi**, 257; nephrotomy for, **xxxv**, 419; report of cases simulating, at the Massachusetts General Hospital, **xxx**, 192; in young child, **xxxvi**, 283.  
 Stones, **xxxiii**, 71; movable, **xxxiii**, 72; X-ray in the diagnosis of, use of, **xlvi**, 864.  
 Suppurating sarcomatous, simulating appendicitis, **xxxv**, 429.  
 Suppuration, removal of, for, **xxi**, 568.  
 Surgery of, **v**, 273, **xx**, 384, 609, **xxxiii**, 288, **xxxvii**, 963; cases of, **xxxiii**, 714, 760; cases of, treated in Roosevelt Hospital, **xxix**, 10, 218, 259, 320; conservative, **xxii**, 804; development of, **xxxi**, 100; experimental studies in, **xii**, 289.

Surgical affection of the, **xxvii**, 643, 655, 663; diagnosis and treatment of, **xxv**, 1; discussion at the American Surgical Association of 1908, **xlvi**, 1055; anatomy of, **ii**, 286; exploration of, **xi**, 236; treatment of, **xv**, 173.

Suture of floating, **xxxv**, 137.

Traumatic cyst involving, **xxxix**, 573, 597.

Traumatism of, **xxxix**, 597.

Tubercular, **ii**, 87, **xxiv**, 496; extirpation of, **xxiv**, 52; incision of, after extirpation of other kidney, **xxvi**, 239.

Tuberculosis of, **i**, 369, **xxix**, 609, 753, **xxxv**, 416, 419; cases of, of the, **xxix**, 226; nephrectomy, **xxv**, 173, **xxvii**, 368, **xxxiv**, 434; operative treatment of, **xii**, 277; remote results of operations for, **xxvii**, 14, 84; removal of, for, **xxxi**, 749; **xxxiii**, 478; results of surgical treatment of, **xxxii**, 461; septic conditions of, **xlvi**, 88; surgical treatment of, **xxxvi**, 310.

Tumors of, **xxix**, 326; malignant, in adults, **xxii**, 404; removed by nephrectomy, **xl**, 260.

Unilateral, of obscure origin, **xxx**, 770.

Ureter, and, anomalies of, **xl**, 125; nephrectomy for tuberculosis of, **xlvi**, 144; functioning of the, as a means of surgical diagnosis, **xxxvi**, 800.

Urine, suppression of, after removal of calculus from, relieved by saline infusions, **xxii**, 266, 267, 268.

Varix of, **xlix**, 652.

Wandering, **xlix**, 840.

Wound, perforating, of, **xxix**, 492; suture of, **xxv**, 172.

Wounds of, **x**, 465.

X-rays, calculi in, detected by, **xxx**, 344.

Reviews of Books: Diagnosis and Surgery of Diseases of the, by Kamsammer, **xlix**, 879; Diagnosis and Treatment of Diseases of the Kid-

ney Amenable to Direct Interference, by W. Bruce Clarke, **vii**, 229; Diseases of the Kidneys and Bladder, by W. F. McNutt, **xvii**, 121; Handbook of Surgery of, by Garré and Ehrhardt, **xlvi**, 944; Lectures on Diseases of the Kidney Amenable to Surgical Treatment, by Newman, **xii**, 237; Treatise on Bright's Disease of the Kidneys, by Willard, **xv**, 507; Surgical Diseases of the Kidney, by Israel, **xxxiv**, 726; Surgery of the, by Morris, **iv**, 281, **xxix**, 399; Surgical Diseases of Ureter and, by Morris, **xxxviii**, 155; Topography of, and Its Relations to Kidney Surgery, by Zondek, **xxxviii**, 459.

KIEFFER, CHARLES: Abdominal contusions, **xxxvii**, 625; congenital dislocation of both ulnæ at the wrists, **xxxviii**, 119; myositis ossificans, **xxxvii**, 960.

Kiel Surgical Clinic, memoirs from the, review of Es-march's, **ix**, 157.

KILIANI, OTTO G. T.: Aneurism of the abdominal aorta, **xxxiii**, 640; black vomit in appendicitis, **xxxviii**, 109; chronic lymphangitis, **xxxiv**, 183; cholecystotomy, **xl**, 134; cystocele complicating inguinal hernia, **xxxviii**, 106; compound depressed fracture of skull with intracranial hæmatoma, **xxxiii**, 330; De Lorme's operation, **xxxvi**, 440; De Lorme's operation for empyema, **xxxi**, 617; device for enuresis paralytica, **xxix**, 627; dysphagia due to pressure of cervical rib, **xli**, 767; electric burn of skull and hands, **xxxix**, 434; elephantiasis of perineum and scrotum, **xxxv**, 815; exarticulation of hip for tuberculosis of femur, **xxxv**, 813; excision of upper jaw, **xlili**, 302; facial neuralgia treated by alcohol injections, **xlvi**, 783; foreign body



- in a bronchus, **xliii**, 449; in the bronchial tubes, **xxxix**, 1019; hot-air treatment of suppurating knee-joints, **xxix**, 627; Keen's operation for spasmodic wry-neck, **xxxiv**, 428; large traumatic subdural hæmatoma, with twenty-one days free interval, **xxxiii**, 325; late changes in Thiersch grafts, **xliii**, 306; multiple symmetrical lipoma, **xlvi**, 141; **l**, 643; operations for goitre, **xxxv**, 813; osteomyelitis of tibia, **xxxvi**, 441; paracentesis of pericardium, **xxxiv**, 823; perforating gastric ulcer, **xlvi**, 132; pericarditis treated by drainage, **xlvi**, 130; primary carcinoma of the appendix, **xlvi**, 129; question of operation for non-penetrating intracranial trauma, **xlvi**, 127; remarks on tumors of the chiasm, **xl**, 35, 124; resection of upper jaw, **xxxvi**, 442; of rectum for syphilitic stricture with end-to-end anastomosis, **xliii**, 148; surgical diagnosis, **xlii**, 473; suppurative pericarditis, **xlix**, 142; thoracoplasty, **l**, 644; thrombosis of mesenteric arteries, **xxxviii**, 110; traumatic keloid of the median nerve, with observations upon the absorption of silk sutures, **xxxiii**, 13; trephining in Jacksonian epilepsy, **xlix**, 707 tuberculosis of body of sixth cervical vertebra cured by trephining, **xxxii**, 607; tumor of brain, **xxxvii**, 610; typhoid, with double perforation of ileum and perforation of gall-bladder, **xlvi**, 34; ultimate result in case of tumor of brain, **xxxviii**, 117; ultimate results of neurectomy for torticollis, **xli**, 769; unilateral laryngectomy, **xxxiv**, 824; value of Bier's method in the treatment of joint tuberculosis, **xxxviii**, 107; wounds of liver, **xli**, 141.
- KING, ALFRED**: Anterior dislocation of scaphoid bone, carpal, **xxx**, 213; congenital malformation of the clavicle, **xxx**, 215.
- KINLOCK, R. A.**: Drainage of wounds, with special reference to drainage after urethrotomy, **xiv**, 278.
- KINNAMAN, GUY C.**: Experimental research into temperature relationship existing in shock, **xxxviii**, 843.
- KLOTZ, H. G.**: Wound of vein in the groin with consecutive cedema and disability of limb, **v**, 11.
- KNAGGS, R. LAWFORD**: Volvulus in association with hernia, **xxxi**, 405.
- Knee** (see also Genu, Patella), ankylosed, resection and osteotomy of, **viii**, 230.
- Ankylosis of, with inward rotation of the leg, **xxv**, 93.
- Arthritis, septic, Mayo's operation for, **xxxiv**, 825; suppurative, of, **xlvi**, 467.
- Arthrogenous contraction of, treatment and prevention of, **xxxiv**, 851.
- Bow-legs and knock-, discussion on therapy of, **viii**, 231.
- Buffer accident of, **xlix**, 132.
- Charcot's disease of, **xxv**, 489.
- Congenital dislocation of, **xlix**, 276.
- Contracted, treated by open tenotomy, **xvii**, 496.
- Deformity following excision, **xxvi**, 357.
- Excision of, **xliv**, 800, **xlvi**, 446; sequel to fracture of the patella, **xxix**, 490; without opening the joint, new method of, **xliii**, 426.
- Flexure ankylosis, excision for, **xxxix**, 285.
- Intra-articular exostosis of, **viii**, 455.
- Luxations of the interarticular menisci of, **xvii**, 109.
- Notes on derangements of the, **l**, 969.
- Resection of, for tuberculosis, **xxxix**, 131; results of, **xiii**, 120.
- Strain-fractures of, **xlvi**, 117.
- Synovitis, suppurative of, **xlvi**, 453.

- Tubercular arthritis of, with fibroplastic and fatty hyperplasia of the synovial membrane, **xvii**, 109.
- Ulcerating gumma of, **xvii**, 209.
- Review of Book: Arthrectomy of Knee, by Volkmann, **i**, 486; Resection of the Knee Without Drainage, by Boeckel, **xxii**, 124.
- Knee-joint**, arborescent lipoma of, **iv**, 265.
- Amputations at, **xxi**, 245; advantages of, when vessels are atheromatous, **xxi**, 725.
- Angular ankylosis of, operation for, **xii**, 469.
- Arthrectomy of, results of, **xii**, 469.
- Arthritis, pneumococcus of, **xxxiv**, 527.
- Arthrotomy of, for loose cartilage, **xxxiv**, 423.
- Aspiration of and antiseptic incision into, **ii**, 159.
- Biceps cruris muscle, relation of, to disease in and about the, **xiv**, 356.
- Bodies in, loose, **xlili**, 247.
- Body in, loose, removal of, **xl**, 141.
- Bone, removal of large loose fragment of, from, **xxxviii**, 124.
- Bones, method of fixing, in excision of, **vi**, 270.
- Cartilage, attached movable, in, **xxxv**, 637; loose, in, **xxii**, 114, **xxxvii**, 606; loose, removed from, **xxiii**, 201.
- Charcot's disease of, resection for, **xxxii**, 130.
- Compensatory, between tibia and semilunar cartilages, **xli**, 283.
- Deformity following resection of, in a child, **xxxiv**, 429.
- Deranged, demanding surgical interference, **xvi**, 282.
- Dislocated semilunar cartilage of, **xxxvii**, 773.
- Dislocation, congenital, of both, **xxix**, 345; of external semilunar cartilage of, **x**, 229; irreducible backward, **xxxii**, 289.
- Drainage of, by transverse incision, **xl**, 409; in severe infections, transverse incision of the, **xl**, 463.
- Erosion of, **vii**, 115, **x**, 401.
- Excision of the, **iv**, 364, **xvii**, 760, **xxxiv**, 422; some elements of success in, **vi**, 270.
- Exsection, **xv**, 431; in children, **iii**, 258.
- Femur, fracture of the, opening into, **xlvi**, 630.
- Fibrolipoma of synovial folds of, **xlvi**, 787.
- Fixation of bones after resection of, **ii**, 258.
- Foreign body in, **xli**, 775.
- Gummata of elbow and, **xv**, 504.
- Gunshot wounds of, **iii**, 528.
- Hæmarthrosis of, **xxxiv**, 451; conservative treatment of, **xiii**, 114.
- Hip-joint, and, resection of, consecutive, **xviii**, 595.
- Ichorous inflammation of, conservative treatment of, **ix**, 231.
- Infections of, **xliv**, 132; a study of, **xlvi**, 570.
- Inflammation, acute phlegmonous, treatment of, by free transverse incision, **xxii**, 503.
- Internal derangements of, **xii**, 304, **xl**, **i**, **l**, 969.
- Irrigation of, antiseptic, **vi**, 44.
- Lesions, traumatic, treatment of some, **xxiv**, 620.
- Lipoma arborescens of, **xl**, 605.
- Meniscus, internal, rupture of left, **xxxvii**, 934.
- Mucous and alar ligaments and synovial fringes of the, contusion and laceration of, **xlvi**, 445.
- Nails and drills for fixation of, after resection, **iv**, 269.
- Ollier on simplification of post-operative treatment of resection of, **vi**, 424.
- Operations, **xvi**, 278.
- Osteoma of the, **xxxvii**, 84.
- Osteotomy for deformity at, **iii**, 102.
- Patellæ, ligamentum, rupture of, **iii**, 189.
- Perforating wound of the, **xlvi**, 402.
- Popliteal abscess communicating with, **ii**, 62.
- Resection of, **v**, 441, **xi**, 390; is resection justifiable in chil-

- dren? **ix**, 439; without drainage, **xxii**, 124.
- Resections, at Dorpat, **x**, 389; at Kiel, **x**, 151; under modern methods, **ix**, 157.
- Results of operations for tuberculous disease at Goettingen, **ii**, 5.
- Semilunar cartilage of the, cause and mechanical treatment of subluxation of the, **xxviii**, 417, 527; dislocation of, **xl**, 285, **xlvi**, 726.
- Suppuration of, **xxxii**, 144; acute, treated by open method, **xxi**, 37.
- Surgical conditions in, some, **xlvi**, 714.
- Synovial cyst of, **vi**, 171; membrane behind, extirpation of, **iv**, 427; fat tabs of, **xlvi**, 720.
- Synovitis, for chronic serous, antiseptic irrigation, **iii**, 442; of chronic hypertrophic, **xliv**, 444; in hereditary syphilis, **iv**, 87.
- Tabetic disease of, **xliv**, 463.
- Treatment of white swelling of, **iv**, 269.
- Tubercular osteitis of, final results of, **xix**, 503.
- Tuberculosis, **xv**, 146; in the adult, excision, **xxviii**, 646; excision of, for, **vi**, 318; operation in, **iii**, 176; recent Scandinavian contributions to, with surgical treatment of, **xii**, 203; resection of, for, **xl**, 125.
- Tumor of, sarcomatous floating, **vi**, 76.
- Tumors of, **iv**, 359.
- Wound of, **ii**, 63; with transverse divisions of patella, **xiii**, 145.
- Knife**, domain of the, in treatment of carcinoma, **xvii**, 398.
- Knives**, disinfection of, **xxi**, 207; sharp, at operations, **xxxiv**, 838; sterilization of, **xxxiii**, 639.
- Knot-tightener**, a new, **xxxiii**, 743.
- KNOTT, VAN BUREN**: A new liver suture, **xlvi**, 790; contribution to the surgery of spina bifida, **xxxv**, 624; drainage in diffuse septic peritonitis, **xlii**, 75, 316; properitoneal and interstitial hernia, **xxx**, 696; sarcoma of uterus, **xxxiii**, 137.
- KOCHER, THEO.**: Laryngectomies, **xviii**, 468; method for reducing subcoracoid dislocations of the humerus, **x**, 391; new method of resection of stomach with subsequent gastroduodenostomy, **xv**, 481; radical cure of hernia, **xvi**, 505; treatment of old dislocations of the shoulder-joint, **xiii**, 123.
- KOENIG, FRITZ**: Branchial fistulae, method of treating, **xxxviii**, 759.
- KOLISCHER, GUSTAVE**: Method of radical cure of hernia, **xiii**, 214; vesicovaginal necrosis from intravesical manipulations, **xxxix**, 822.
- KONNELL, KARL**: Suction apparatus for continuous drainage of bladder, **xxxvii**, 886.
- KOPLIK, H.**: Carcinoma of the rectum, prognosis and statistics of operations for, **ix**, 131; dangers and efficiency of modern treatment of wounds, **ix**, 448; the disinfection of the physician's hands, **vii**, 153; gastro-enterostomy in Luecke's clinic, **v**, 179; recent contributions on the subject of tumors, **vi**, 409.
- KORTEWEG, T. A.**: Foreign bodies in the lungs, **xxxvi**, 1; meloplasty, **xiv**, 21.
- KOTZENBERG, DR.**: Iodoform-spermaceti mixture for filling bone-cavities, **xlvi**, 926.
- KRAMER, SIMON PENDLETON**: Artificial production of connective tissue by injection of agar-agar, **xxxiv**, 273; contribution to the theory of cerebral concussion, **xxiii**, 163; influence of anaesthesia on the effects of sensory irritation, **xxxii**, 377; studies in the pathogenesis of appendicitis, **xxxv**, 701.

- KRAUSE, F.: Question of priority in devising a method for the performance of intracranial neurectomy of the fifth nerve, **xviii**, 362.
- KRAUSE, WILLIAM C.: Dislocation of vertebræ in lower cervical region, **xliv**, 641; ultimate result of laminectomy after severe spinal cord injury, **xlvi**, 968.
- Krause's method of skin transplantation, **xxxviii**, 766.
- Krebsgeschwuelste, das Gewebe und die Ursache der, **xxxix**, 316.
- KREISLER, F.: Single kidney, in median line, with two ureters, **xliii**, 957.
- KRETSCHMER, HERMAN L.: Removal of a gauze sponge from the scrotum two and a half years after operation for hernia, **xlix**, 814.
- Kriegsfeuerwaffen** (reviews of books), *Verwundungen durch die modernen Kriegsfeuerwaffen*, by Hildebrandt, **xliii**, 481; *Die Verwundungen durch die modernen Kriegsfeuerwaffen, ihre Prognose und Therapie in Felde*, Graf und Hildebrandt, **xlvi**, 318.
- Kriegssanitätswesens in Russisch-Japanischem Kriege**, 1904-1905, by Dr. Walter von Oettingen (review of), **xlvi**, 947.
- KRUMM: Narcosis paralysis, **xxv**, 797.
- KUESTER, PROF.: Operative treatment of cleft palate, **xviii**, 237, 466, 467.
- KUEMMELL, H.: Resections of the kidney, **xviii**, 566.

## L

- Labium major**, hæmatoma of, traumatic, **xii**, 79; laparomyotomy, **xii**, 318.
- Labium majus**, pregnancy, complicated by cystofibroid of, **iv**, 457.
- Lactic acid** as a destroyer of pathogenic tissue, **iii**, 231.
- LADD, W. E.: "Gauze-ether," or a modified drop method, with its effect on acetoneuria, **xlvi**, 460.
- LAFFER, WALTER B.: Acute dilatation of the stomach and arteriomesenteric ileus, **xlvi**, 390, 532.
- LAINÉ, D. T.: Diagnosis and pathology of appendicitis, **xxiii**, 614; drainage in empyema, **xxii**, 119, 120; polypus of colon, **xxviii**, 139; tuberculous abscess, **xxii**, 122.
- LAKE, R.: Servo-Bulgarian war from a surgical point of view, **iv**, 381.
- LAMBERT, ALEXANDER: Treatment of tetanus, **xxvi**, 508.
- Laminectomy**, **xliv**, 641; case of, **xxvi**, 207.
- Cervical vertebra, for fracture of, **xxix**, 639.
- Fracture-dislocation of spine after, reduction of, **xlvi**, 140.
- Fracture, after spinal, case of, **xxi**, 46.
- Fractures, for simple, **xxv**, 28, 103.
- Paraplegia, for, due to angular curvature, later results of, **xvii**, 491; for, result of tuberculous disease of the spine, **xliii**, 309.
- Pott's paraplegia, for, **xxxi**, 667.
- Spinal cord, for injury of, ultimate result after, **xlvi**, 968.
- Spine, for depressed fracture of, **xvii**, 439; dislocation of the, for, **xxx**, 222; for fracture of, **xxi**, 519.
- Technic of, **xli**, 394.
- Third cervical vertebra, upon, in a case of atlo-occipital dislocation, **xlvi**, 654.
- Vertebra, for fracture of, **xlii**, 776.

Vertebrae, for fracture of, **xix**, 661, 664.

**Landerer's** dry method of operating, **x**, 345; theory of inflammation, **ii**, 479.

**LANE, W. ARBUTHNOT**: Chronic intestinal stasis, **i**, 190; operative treatment of fractures, **i**, 1106.

**LANGE, FREDERIC**: Carcinoma of sigmoid flexure, excision with colostomy, **xvii**, 61; case of nephrectomy for pyonephrosis, **xvii**, 319; cases of actinomycosis, **xxiv**, 371; case of removal of rectum for non-malignant ulceration, **xvii**, 325; cholecystectomy and operation for liver abscess, **xxxii**, 189; cholecysto-cystico-choledochotomy, **xxiv**, 373; clinical observations on myofibromatous tumors of uterus, **iv**, 304; contributions to intestinal and anal surgery, **v**, 491; enterostomy in peritonitis, **xxix**, 118; extensive fracture of skull, with brain-lesion, **xxiv**, 374; gastrotomy, **xvii**, 592; ileus after appendicitis, **xxiv**, 376; lymph-angioma cavernosum of the face, **xxix**, 257; mental symptoms following the continuous suprapubic drainage of the bladder, **xvii**, 66; multiple papillomata of bladder—extirpation by transverse incision through the symphysis pubis, **xxxiii**, 486; nephrectomy, **xxxiv**, 581; nephrolithotomy, **xxxiv**, 580; nephrotomy followed by nephrectomy—implantation of both ureters into bladder, **xxx**, 513; osteoplastic excision of wrist-joint, **xxix**, 256; osteoplastic operation for resection of depressed nose, **xix**, 86; partial excision of large intestine for tumor, **xxiv**, 373; pelvic tubercular osteitis of peculiar course, **xxiv**, 374; plastic operation after removal of tumor of upper jaw, **xxxiv**, 836; plastic operation for lengthening

tendons, **xxiv**, 371; possibility of the transmission of malignant growths, **xxxiii**, 492; posterior incision in certain cases of appendicitis, **xxxiii**, 764; pyloroplasty, **xvii**, 588; renal calculi and cases of nephrectomy, **xxxiii**, 766; retention of Murphy's button after gastro-enterostomy, **xxxiv**, 304; stricture of cesophagus relieved by internal cesophagotomy, **xx**, 735; suprapubic cross incision to expose pelvic tumors, **xxxiv**, 431; surgical anatomy of kidneys, **ii**, 286; thoracoplasty by subcutaneous excision of the ribs, **xvii**, 447; total extirpation of larynx, **iii**, 38; tuberculosis of kidney, **xxxiii**, 486; ulcerating gumma of knee, **xvii**, 209; ureterectomy, **xxxiv**, 579; ventral hernia, **xxxiv**, 573; vesicovaginal fistula of exceptional size, with unusual complications, **xxiv**, 374.

**LANGE, SIDNEY**: Sprain-fractures of the knee, **xlvi**, 117.

**LANIER, BERWICK B.**: Primary sarcoma of the thyroid gland, **xxvi**, 498.

**LANPHEAR, E.**: New and rapid method for hysterectomy, **xvii**, 305.

**Laparo-elytrotomy**, **vi**, 278, **vii**, 469; case of, successful, **i**, 25.

**Laparomyotomy**, **ii**, 432.

**Laparotomies**, gall-stones, for, Kehr's statistics of seven hundred and fifty, **xxxviii**, 141; infant, three, in an, **xl**, 764.

**Laparotomy** (see also Abdominal Section, Appendicectomy, Cæsarean Section, Cholecystotomy, Cœliotomy, Gastro-enterostomy, Gastrotomy, Nephrectomy, Ovariectomy, Splenectomy), **ii**, 171, 268, 270, 506, 507, 508.

Abdomen, for gunshot wound of, **v**, 148, 151, 154, 156, 371, 465, **vi**, 369, **vii**, 398, **viii**, 313; for shot wound of, **xii**, 276, 369; for penetrating stab wound



of, vi, 324; for penetrating wounds and visceral injuries of, iii, 422; for perforating gunshot wound of, recovery, iv, 344, 468, 528; for perforating pistol shot wound of, vi, 49; for stab wound of, vii, 397.

Abdominal injuries, for, xii, 66; stab or shot wounds, iii, 243; tumor, suppurating, for a, vi, 41; tumors, for, v, 258.

After-treatment, early rising in, xlviii, 774.

Appendicitis, for, x, 434.

Appendix, for excision of, ix, 89.

Appendix vermiformis, perforated, for, vi, 41, 508.

Aseptic, xiv, 421.

Bladder, urinary, intraperitoneal wounds of, for, iii, 349; for rupture of, iii, 349, v, 167, 452, 547, vi, 175, vii, 64, 311, viii, 475, xvi, 458, xviii, 647.

Carcinoma, and resection of large intestine for, iii, 469; of stomach, for, vi, 450.

Cervical fibroids, for, iii, 361.

Child, in a, one hour old, ix, 226.

Cocaine anæsthesia in, xix, 90.

Curing disease, for, mental effect of, v, 233.

Death, with, iv, 475, 528.

Diagnostical, iv, 240.

Enterectomy for strangulated hernia, vi, 168.

Enteroliths, for, xii, 278.

Explorative, iii, 245, 345, iv, 184, v, 146.

Fetation, in extra-uterine, iv, 458, 459.

Fibroids of the cervix, for, iii, 361.

Fœtus in uterus bicornis, for retained, iv, 371.

Foreign body, for removal of, ix, 228.

Fork, for removal of, x, 297; vi, 512.

Gall-stones, for, iii, 86, 88, 381, 397.

Gonorrhœal pyosalpinx, for, v, 90.

Gut, for gunshot wound of, ix, 90.

Hemorrhage, pelvic, after, iii,

241; from rupture of tubal pregnancy, recovery, xvii, 210.

Hemorrhagic diathesis, true, complicated by, vii, 225.

Hernia, in a case of internal incarcerated, xvi, 440; congenital umbilical for, in a new-born infant, viii, 317; internal strangulated, for, iv, 526; for strangulated, ix, 445, 459; strangulated gangrenous, Littre's, for, xviii, 32; strangulated, with resection and suture of gangrenous intestine for, vi, 514; strangulated, in treatment of, iii, 450.

Ileocæcal region, for affections of, iv, 529.

Ileus, for, indications for, xviii, 79.

Iliac artery, common, ligature of, and, iv, 519; for gluteal aneurism, in ligature, v, 55.

Incision in, the combined transverse and longitudinal, xl, 178, 259.

Incisions for, modified, xxxiii, 489.

Internal strangulation, for, v, 88.

Intestinal invagination, for, v, 544; obstruction, for, iii, 84, 89, 130, 214, 240, 420, 524, 525, viii, 371, x, 281, 302, 347; obstruction, acute, relieved by, xiv, 510, 511; obstruction, in, explorative, v, 157; obstruction, for, signification of collapsed intestine in, iv, 240; perforations, for, i, 161; strangulation, for internal, i, 366; suture, and, for perforating typhoid ulceration, v, 359.

Intestine, for acute strangulation of, ix, 381; and exsection of, ix, 382; for gunshot wound of, vi, 165, 505, 507, viii, 257, 314; large, for carcinoma of, iv, 247; for obstruction of, iv, 527; for perforating ulcer of, ix, 59; small, gunshot of, iii, 89.

Intoxication, sublimate, in case of, iv, 551.

Intraperitoneal injury, for, vi, 130.

Intrathoracic hydatid cyst, **x**, 203.  
 Intussusception, for, **ii**, 216, 240, **ix**, 92.  
 Liver surgery, in, **v**, 212, 216, 224, 230, 231, 233; tumor of, **x**, 142.  
 Mesenteric cysts and drainage, for, **viii**, 218.  
 Mesocolon, for hydatid cyst of, **ix**, 229.  
 Mironow on the question of asepsis in, **xvii**, 76.  
 Myoma, for uterine, **viii**, 71.  
 Nephrectomy, and, **v**, 166, 273, 274.  
 Ovarian tumor, for supposed (pregnancy), **x**, 235.  
 Pancreatic cyst, for, **xii**, 280.  
 Patients, in aged, **xvii**, 630.  
 Pelvic abscesses, and, **iii**, 532.  
 Peritoneal cavity, use of hot water in, to prevent shock, during and after, **vi**, 160.  
 Peritoneum, washing out, after, **viii**, 318.  
 Peritonitis, chronic, **x**, 293; for purulent, **ix**, 379.  
 Perityphlitic abscess, for, **iv**, 242, 243.  
 Peri-uterine abscess, **i**, 393.  
 Pneumonia as a sequel to, **xlii**, 946.  
 Pregnancy, for extra-uterine, **vi**, 94, 95, **viii**, 71.  
 Pylorus, for excision of, **iii**, 524.  
 Results of, for acute intestinal obstruction, **vii**, 329.  
 Salpingitis, for, **viii**, 69, **vii**, 461.  
 Spinal anæsthesia and scopolamin sleep, **xliv**, 736.  
 Spoon, removal of, **x**, 297.  
 Stomach and intestines, **iii**, 386; and intestine, pistol shot wound of, for, **v**, 371; and liver, gunshot wound of, **viii**, 81; for perforating ulcer of, **ix**, 59, 95.  
 Strangulation, for internal, **iii**, 218, 420.  
 Subperitoneal abscess and, **vii**, 461.  
 Thrice on one patient, **xii**, 246.  
 Traumatism, for, **v**, 547.  
 Tubercular peritonitis, in, **xi**, 125, 131; infants, in, **xvi**, 394.  
 Tuberculosis of peritoneum, for, **vi**, 504.

Typhoid ulcer, for perforated, **viii**, 219.  
 Urachus, for congenital cyst of, **ix**, 227.  
 Uterine appendages, and removal of, **iii**, 102, 241; appendages, for removal of, **v**, 172, **vi**, 41; hydatids, for, **xxv**, 150.  
 Uterus, for ruptured, **viii**, 69.  
 Vermiform appendix, perforation of, **viii**, 23.  
 Visceral injuries, for, **vi**, 505; wounds, in, **x**, 304.  
 Volvulus of the sigmoid flexure, for, **xviii**, 28.  
 Review of book: Greig Smith on, **vi**, 518.  
 LAPLACE, ERNEST: New forceps for intestinal anastomosis, **xxix**, 297.  
 LAROQUE, G. PAUL: Angulation at sigmoid, **xliv**, 678.  
 Laryngeal muscles, paralysis of, after extirpation of thyroid tumors, **ii**, 504.  
 Laryngectomies, Kocher's clinic, at, **xviii**, 468.  
 Laryngectomy, **xxxvi**, 621, **xl**, 961; for cancer, **xlix**, 864; case of, **xxi**, 59, **xxvi**, 637.  
 Carcinoma, for, **xxx**, 331; results after, for, in Bergmann's clinic, **xxvii**, 246; total, for, **xliv**, 193; unilateral, for, with non-recurrence after three years, case of, **xxii**, 785.  
 Eucaine anæsthesia, under, **xxxiii**, 32.  
 Technic of, **xxx**, 1.  
 Two cases of, **xii**, 440.  
 Unilateral, **xxxiii**, 635; case of, **xviii**, 18.  
 Laryngitis, cedematous, **v**, 64.  
 Laryngopharyngotomy, subhyoid, a recovery from self-inflicted, **xl**, 636.  
 Laryngotomy, **viii**, 211.  
 Crico-, **v**, 511.  
 Intra-cricothyroidean, **xii**, 327.  
 Larynx (see also Cricoid), canceroid per vias naturales, extirpation of, **v**, 543.  
 Carcinoma of, **ix**, 344, **xii**, 227, **xxxvi**, 617, **xxxvii**, 463, 632, **xl**, 961, 962; extirpation of, for, **i**, 74; Kocher's operations for, **xxx**, 752; present status

- of operations for partial and total extirpation of, for, **xxvi**, 275; statistics of operations for, **ix**, 143.
- Cartilaginous growths of, **xi**, 121.
- Cocaine in surgery of, **iii**, 79.
- Congenital diverticulum of, case of, **xxv**, 711.
- Cricotomy for papilloma of, **v**, 511.
- Croup, for, intubation of, **xii**, 361.
- Cyst of left vocal cord of, **ix**, 143.
- Enchondroma of, **viii**, 135.
- Epithelioma, for, partial excision of, **v**, 540.
- Excision of, **iv**, 397, 434, **vi**, 254; for carcinoma, **i**, 92.
- Extirpation of, **v**, 357; partial, **iii**, 28, 38, 67; total, **ix**, 141, **x**, 273; unilateral, **iii**, 20.
- Fibroma of vocal cord in, **v**, 144.
- Foreign body in, **xi**, 282, **xxxix**, 1020.
- Fracture of, **viii**, 211, **x**, 449.
- Fractures of, **i**, 280; causation of, **v**, 144; of hyoid and, **ii**, 158.
- Intubation of, **iv**, 73, 523; twenty-two cases of, **xvii**, 370.
- Laryngitis, acute, paralysis of, from, **viii**, 305.
- Malignant disease of, Gluck on surgical relief of, **xxx**, 754; laryngectomy for, **xxxix**, 968.
- Operations, Billroth's clinic, in, **ii**, 261.
- Papilloma of, **xi**, 1014.
- Pharynx, and, carcinoma of, inoperable, treated by excision of the external carotid artery, **xxxiv**, 568; extirpation of, **xiv**, 417.
- Postdiphtheritic stenosis of, **xxxi**, 547, 747.
- Removal of, partial, **xxxiv**, 824.
- Stenosis of, chronic, **xxxvi**, 138, **xl**, 458; complete, relieved by incision and skin-grafting, **xxxiv**, 432; implantation of costal cartilage for relief of, **xxxi**, 661; mechanical treatment of, **ii**, 261; relieved by Abbe's string method, **xxviii**, 521; treated by skin-grafting, **xxxiv**, 649.
- Surgery of, **vii**, 281; recent Russian contribution to the, of, **xiii**, 63.
- Telangiectatic myofibroma of, **xi**, 88.
- Thyreotomy for papilloma of, **xii**, 363.
- Thyrotomy for epithelioma of, **vi**, 254.
- Typhoid fever, after, stenosis of, **iv**, 336.
- Reviews of Books: Atlas and Abstract of Diseases of the Larynx, by Grunwald, **xxviii**, 413; Malignant Disease of the Larynx—Total Laryngectomy, by Wallace J. Terry, **xxxix**, 968; Autopsy of Larynx and Trachea, by Hirstein, **xxv**, 520; Stenosis of the Larynx, by Francis J. Quinlan, **xxxvi**, 139.
- Lateral curvature of the spine, a hard rubber spring brace for, xxxiii, 185.**
- Lateral cystotomy, vi, 33.**
- Lateral sinus, aural disease, consecutive to, operations for septic thrombosis of, xii, 61.**
- Otitis, acute, pyemic thrombosis of, from, operation for, xviii, 73.**
- Septic infection of, xix, 118.**
- Thrombosis of, xxxviii, 599, xxxix, 276; suppurating, xli, 942.**
- LATHROP, WALTER: Fracture of skull, xxxiv, 401; fracture of spine, xxxii, 833.**
- LAUENSTEIN, C.: Catgut as a source of pus-infection, xxxiii, 109.**
- Lavage, gastric, postoperative, value of, xl, 612; in the treatment of postoperative vomiting, xl, 194.**
- LE BOUTILLIER, W. G.: Diffuse peritonitis from gangrene of appendix, recovery, xxxvii, 431; excision of patella in wound of knee, xxxvii, 945; gastrostomy, xxxvi, 954; in-**

flamed appendix removed from a strangulated inguinal hernia, **xlvi**, 645; postoperative comfort, **xliv**, 106; results and methods of treatment of compound fractures at the J. Hood Wright Memorial Hospital, **xxx**, 297; stab wound of the spinal cord, **xlvi**, 639; strangulated inguinal hernia in a seven weeks' old infant, **xlvi**, 642; thoracic injuries involving the lungs, **xxxv**, 553; thrombosis of portal vein after appendicitis, **xlx**, 858; treatment of tetanus, **xxxi**, 369; the volunteer military surgeon, **xlx**, 847, 861.

**Le CONTE, ROBERT G.:** Appendiceal abscess pointing in the right side of the scrotum in a patient free from hernia, **xlili**, 155; carcinoma of the appendix with metastasis to the ileocolic glands, **xlvi**, 1000; carcinomatous degeneration of uterine myoma, **xxxiii**, 60; case of abdominal section for gunshot wounds, **xxi**, 79; closure of abdominal wounds, **xxxix**, 129; compound fracture of radius and ulna, **xlvi**, 970; congenital absence of anus and rectum, **xxvii**, 776; congenital fistula in tongue, **xliv**, 716; diagnosis of inflammatory affections in the right iliac fossa in women, **xxviii**, 141; diagnosis of intestinal injury following abdominal contusion, **xxxvii**, 525, 623; disability and deformity following fracture of the base of the neck of the femur, **xxviii**, 139; excision of the carpus for tuberculosis, **xxxiii**, 58; fracture of femur and pelvis, **xlvi**, 969; further note on interscapulothorax amputations, **xxxvi**, 573; gangrenous hernia, **xxxv**, 528; gastro-enterostomy in cases of gastric perforation, **xlx**, 732; gastroplication, **xl**, 281; general purulent peritonitis, **xliv**, 715; gunshot fractures of

femur and forearm, **xlvi**, 970; gunshot wounds of the abdomen, **xxxv**, 111; hernia of urinary bladder complicating inguinal hernia, **xxiv**, 753; incision through rectus muscle, **xliv**, 723; inefficiency of gall-bladder drainage after gastro-enterostomy, **xli**, 291; intestinal obstruction due to band and volvulus of ileum, **xli**, 148; intestinal obstruction due to gall-stones, **xxxvi**, 300; malignant affections of ovary, **xli**, 301; nailing a recent intracapsular fracture of the femur, **xlvi**, 469; necrosis of entire lower jaw, **xxxix**, 130; nephrolithotomy, **xli**, 299; O'Hara's method of bowel anastomosis, **xxxiii**, 207; operation in the preperforative stage of typhoid fever, **xxxiii**, 645; operative treatment of appendicitis, **xxvii**, 105; operative treatment of intestinal perforation in typhoid fever, **xxxix**, 118, 127; osteomyelitis of tibia, **xlvi**, 300; pyopneumothorax, **xxxiii**, 67; radical cure of hernia, **xxxi**, 653; relation of kidneys to toxic symptoms in cholæmia, **xl**, 432; removal of loose cartilages from knee-joint, **xxiii**, 204; removal of tumors of the kidney, **xliv**, 907; resection of spinal accessory nerve for torticollis, **xlvi**, 152; results of operations for sarcoma of bone, **xxxiv**, 597; rupture of bile-duct subsequent to cholecystotomy, **xl**, 429; rupture of gall-bladder in acute cholecystitis, **xl**, 427; rupture of the lung without costal injury, **xlvi**, 383; sequelæ to fracture of the neck of the femur in an aged person, **xxxvii**, 118; shot as a nucleus of vesical calculus, **xxxiii**, 647; stab wound of the lung treated by suture, **xlvi**, 150; surgical treatment of perforating gastric ulcer, **xliv**, 907, 957; thrombosis of pulmonary artery after operation for

- acute appendicitis, **xli**, 145; thrombosis of pulmonary artery after removal of large ovarian cyst, **xli**, 143; thyroid cyst, **xxxiii**, 212; traumatic intussusception, **xliv**, 303; treatment of acute traumatic hæmothorax, **xxix**, 509; treatment of diffuse septic peritonitis, **xliii**, 231, 314, 1, 457; treatment of gall-stones in the common duct, **xxxvii**, 113; treatment of intracapsular fractures of femur, **xlii**, 284; treatment of perforating typhoid ulcer, **xli**, 288; tubercular peritonitis, **xxxiii**, 208; tuberculosis of the mammary gland, **xxviii**, 685; ultimate results of an interscapulothoracic amputation, **xxxiv**, 712; unsuccessful nephrolithotomy, **xxviii**, 661; volvulus of the small intestine in typhoid fever simulating perforation, **xliv**, 314; wounds of the internal mammary artery, **xliv**, 951; X-ray in carcinoma, **xxxvi**, 294.
- LEE, EDWARD H.**: An intestine holder, **xxxiii**, 23.
- LEE, H. M.**: Gunshot wound of abdomen involving stomach and jejunum, complicated with pregnancy, **xlviii**, 857.
- LEE, W. ESTELL**: Gastro-intestinal hemorrhage following radical operation for hernia, **xlviii**, 632; removal of a knitting-needle from an abdominal abscess, **xlv**, 639; use of ethyl chloride as a general anæsthetic at the Pennsylvania Hospital, **xlviii**, 641, 795.
- Left-sided abscess of appendical origin**, **xxxiii**, 775.
- Leg**, amputation of (see Extremities), **vi**, 46, 66; during intraneural cocaine anæsthesia, **xxxvii**, 116; of lower end of, for exostosis, **xlviii**, 624; for perforating ulcer of leprosy, **xxviii**, 256; with plastic formation of feet, **xxiii**, 244; simultaneous, of right and left arm, and right, **viii**, 220; simultaneous, of right thigh, right forearm, and left, **viii**, 153; stumps of, improvement of, **xviii**, 584.
- Bones, fractures of, compound**, **iii**, 101.
- Destruction of soft parts, after extensive operative shortening of bones of**, **v**, 551.
- Elephantiasis of, ligature of popliteal artery in**, **vi**, 68.
- Epithelioma of**, **xxiv**, 53.
- Fixation plates in the treatment of fractures of**, **xxxi**, 436, 508.
- Four-headed extensor of the, fibro-angioma situated beneath**, **xxiii**, 431, 487.
- Fracture, compound complicated, of**, **xxxiii**, 787; compound, complicated with injury to the anterior tibial artery, **xviii**, 99; during birth, **xii**, 451; disunited, **xxxvii**, 439; plaster-of-Paris in treating, **xxxiii**, 799; treatment of, **xxvii**, 606.
- Gangrene of, after ligature of femoral artery**, **v**, 86.
- Torsion fractures of**, **xxxiii**, 93.
- Ulcer of, sequel to thrombophlebitis**, **xxxix**, 464.
- Ulceration of, extensive**, **xxxiv**, 299.
- Ulcers, cure of large, by carbolyzed spray**, **v**, 283.
- Legal medicine**, Hofmann's atlas of (review of), **xxviii**, 415.
- LEGGETT, NOEL BLEECKER**: Studies upon the function of pylorus and stoma after gastro-enterostomy has been performed **xvi**, 549.
- LEGUEU, FELIX**: Cancer of kidney and bladder, **xlix**, 119.
- Leipzig University surgical clinic**, review of Schmidt's papers from, **viii**, 478.
- LEONARD, CHARLES L.**: Double-faced surgical adhesive plaster, **xlvii**, 475; Effect of X-ray on goitre, **xlx**, 579; improved aseptic trephine, **xix**, 606; œsophagotomy for impacted coin, **xlvii**, 299; symptoms and signs in urinary lithiasis, **xlv**, 584; technic of diagnosis of ureteral and renal calculi by the aid of the Röntgen



- rays, **xxxi**, 163; value of ether as an anæsthetic, **xxviii**, 280; value of Röntgen method of diagnosis of renal and ureteral calculi, **xxxiii**, 435.
- Leontiasis**, **xxiii**, 303.
- Ossea**, **xx**, 367.
- Ossium**, **xxxix**, 443.
- Leprosy**, anæsthetic, nerve-stretching for, **iv**, 517.
- Contagiousness of, **iv**, 324.
- Leg, amputation of, for perforating ulcer of, **xxviii**, 256.
- Leucocyte count**, appendicitis, in, the value of the differential, **xlvi**, 239, **xlxi**, 385.
- Differential, value of the, in acute surgical diseases, **xlili**, 625, 485.
- In surgery, **xxxi**, 669, **xxxii**, 114.
- Leucocytosis** and chemotaxis, antiseptics, to the action of, relation of, **xxv**, 370.
- Leukæmia**, extirpation of spleen for, **ii**, 76, **xlvi**, 656.
- LEVIN, ISAAC**: Plastic surgery of blood-vessels and direct transfusion of blood, **xlxi**, 320.
- LEVISON, CHARLES G.**: Splenectomy for Banti's disease, **xxxviii**, 671.
- LEWIS, BRANSFORD**: Case of exstrophy of the bladder, with remarks upon the operative treatment of that condition, **xxxi**, 720; ureter catheterism, **xxxvii**, 22.
- LEWIS, DANIEL**: Use and place of caustics in treatment of carcinoma, **xvii**, 392.
- LEWIS, E. A.**: Interscapulothoracic amputation, **xi**, 88.
- LEWIS, JAMES H.**: Double traumatic iliac dislocation of hip, **xi**, 735.
- LEWIS, JOSEPH S.**: Note on silver foil in surgery, **i**, 793.
- LEWIS, MORRIS J.**: Treatment of perforating gastric ulcer, **xxxix**, 115.
- LIBMAN, E.**: Delayed chloroform poisoning, **xlxi**, 424.
- Lichen**, icterus, emotional, accompanied by a general eruption of, **iv**, 426.
- Ligaments**, shortening of round, **iv**, 42, 365.
- Ligamentum patellæ**, rupture of, operative treatment of, **iii**, 189.
- Ligation**, arterial, after venous occlusion, **iii**, 105.
- Femoral vein, of common, **iii**, 411.
- Vessels, of, in inoperable tumors, **xxix**, 285.
- Ligature**, aneurism, cirroid, of both external carotid arteries for, **vi**, 111, 115; on head, local, for, **ii**, 415; innominate, of right common carotid and subclavian arteries for, **vi**, 147; innominate, of subclavian and carotid for, **v**, 538; popliteal, for, state of femoral after, **vi**, 65.
- Anterior tibial artery, of, attempted, **vi**, 66.
- Axillary artery, for, **ii**, 412, 428.
- Carotid artery, of common, **v**, 350, 538; common, for aneurism on head, for, **ii**, 415.
- Clavicle, of subclavian vessels under, **iv**, 427.
- Elastic, the, and the ligature method, **xlili**, 190.
- Femoral artery and gangrene of leg, of, **v**, 86.
- Femoral veins, of (see also artery), **ix**, 76.
- Goitre, of afferent arteries in, **iv**, 523.
- Holder, **xxxvi**, 951.
- Iliac artery, of common, **iv**, 519; of external, **ii**, 429; of internal, **v**, 55, 351.
- Limbs, of, during surgical operations, **vii**, 211.
- Lingual arteries in excision of the tongue, for, **ii**, 359.
- Meningeal artery, of, **v**, 76.
- Non-absorbable, **xlvi**, 758.
- Sterile and antiseptic, relative value of, **xxx**, 119.
- Subclavian artery, of, **ii**, 344.
- Subclavian and internal jugular veins, and axillary artery, of, simultaneous, effects of, **v**, 256.
- Uterus, amputation of an inverted, by, **iv**, 372.
- Vein, internal jugular, for, **ii**, 89.
- Vertebral artery, for, **ii**, 89.

Review of Book: Ligature of Arteries, by MacCormac, vii, 476.

**Light**, actinic rays of, exclusion of, during operations for general peritonitis, xxxvii, 798.

**Lightning-stroke**, effects of, i, 160.

**LILIENTHAL, H.**: Aberrant adrenal tumors, xxxix, 300; acute hæmatogenous infection of kidney, xl, 1012; acute pancreatitis, xxxviii, 603; acute pancreatitis—cholelithiasis, xliii, 143; amputations for diabetic gangrene, xxxi, 500; aneurism of the second and third portions of the right subclavian artery, xliii, 922; aphasia from contrecoup, xlviii, 612; appendicostomy, xxxix, 270; arrest of traumatic hemorrhage from the lung, xlix, 557; arteriovenous angeiorrhaphy, xlv, 1, 152; benign stenosis of pylorus, xxxiv, 834; bilateral perinephritic abscesses, xxiii, 440; border-line tumors of the breast, xlix, 558; bougie in retroperitoneal space, xl, 126; bullet-probe and forceps new in principle, xxiii, 591; calculus in ureter, xli, 764; carcinoma of the gall-bladder, xxxviii, 601; of male breast, xliii, 301, 463; of rectum ten years after extirpation of adenoma of hepatic flexure, xlviii, 307; cardio-spasm, xliii, 928; case of strangulated intraperitoneal hernia, xxvi, 369; cervical rib, xli, 766; cholecystectomy, xxxiii, 188, 193, xxxiv, 647, xxxv, 644, xxxix, 279; choledochoduodenostomy, xxxvii, 780; closure of abdominal wounds, xxxviii, 304; of abdominal wounds without suture, xxxii, 446; complete excision of the scapula for sarcoma, xxxix, 807; cystic kidney, xxxix, 599; danger of administering strychnine to puny children, xlii, 593; diagnosis of appendicitis, xxxiii, 632; of carcinoma of the

stomach, xlii, 117, xxiii, 257; differentiation of cholecystitis from appendicitis, xxix, 495; endothelioma of the carotid body, l, 808; end-to-end anastomosis for carcinoma of the splenic flexure, xliii, 145; enterocyst of buttock, xxii, 268; enterostomy for peritonitis, xxix, 115; excision of ribs and parietal pleura, xxxvii, 777; extirpation of ileocaecal coil, xxix, 119; fatal hæmaturia without adequate kidney lesion, xlii, 268; fatalities after gastrostomy, xxvi, 244; fistula following appendicitis, xxiv, 502; fracture of olecranon, xxxi, 757; fracture of patella, xxxiii, 487; fracture of the patella treated by massage, xxi, 602; gall-bladder disease in children, xxxvi, 143; operations, xxxvii, 603; gall-stone ileus, xxxiii, 634; gastroduodenostomy by Finney's method, xxxix, 587; gastro-enterostomy, xxxix, 595; gastrostomy, xxxvi, 134; general peritonitis with enterostomy, xli, 944; Gersuny operation for incontinence following prostatectomy, xliii, 923; glove disinfection, xli, 773; gumma of rectum, xxxii, 609; gunshot wound of abdomen in negroes, xxxiii, 475; gunshot wound of face, xxxix, 104; hæmaturia, xlii, 602; hip-joint amputation, xxv, 178; hydatid cyst of liver, xxxiv, 833, xxxviii, 307; injection of salt solution in urinary suppression, xxii, 267; intestinal implantation of ureters for exstrophy of bladder, xxxiv, 423; intestinal obstruction from Meckel's diverticulum, xliii, 300; intestinal resection for strangulated hernia, l, 811; ligation of both common carotids for intracranial arteriovenous aneurism, xxxvii, 443; malpositions of appendix, xlii, 473; method of intestinal resection, xlix, 550; multiple

liver abscesses, **l**, 810; nephrectomy for sarcoma, **xl**, 597; for tuberculosis, **xlvi**, 452; operations for prostatic obstruction, **xxxvii**, 622; operations upon stomach, **xl**, 762; operations without ether or chloroform narcosis, **xxvii**, 581, 669; operative treatment of acute abscess of lung, **xlvi**, 473; of cleft palate, **xlili**, 136; osteoplastic amputation of the leg, **xli**, 452; pancreatic fistula, **xxx**, 625; partial enterocoele, **xxxix**, 298; perforating duodenal ulcer, **xlvi**, 307; plastic of face, **xxxiv**, 837; plate for defects of the skull, **xlvi**, 796; post-operative anuria, **xxxiii**, 337; postoperative intestinal obstruction, **xl**, 599; prostatectomy, **xxxiii**, 478; primary cholecystectomy, **xl**, 44, 129, 132; pulsating exophthalmos, **xxxix**, 435; pylorotomy, **xxxvii**, 442; pyloroplasty, **xxxix**, 281; remarks on appendicitis, **xl**, 762; removal of astragalus for club-foot, **xxxv**, 646; of cervical lymphomata, **xxix**, 356; of gall-bladder, **xl**, 121; of scapula for sarcoma, **xxxviii**, 308, 602; resection of transverse colon for carcinoma—no return after three and a half years, **xxvii**, 661; of colon for carcinoma, **xxiii**, 601; of elbow, **xxx**, 341; of humerus for sarcoma, **xlvi**, 786; of intestine for gangrenous hernia, **xxiii**, 446; of liver, **xxix**, 365; of sigmoid flexure for intestinal obstruction, **xxix**, 114; results after prostatectomy, **xxxviii**, 307; after removal of whole colon, **xxxvi**, 956; of operations for exstrophy of bladder, **xl**, 925; sarcoma of breast, **xl**, 455; of the humerus, **xlvi**, 467, 468; of neck and stomach, **xl**, 147; of rib cured by operation and injection of mixed toxins, **xxxvii**, 440; of the scapula, **xxxviii**, 115; of thigh, **xl**, 268; treated

by means of mixed toxins, **xlili**, 611; self-retaining trocar and canula for the aseptic evacuation of distended viscera, **xlili**, 913; stone found in kidney after death in a case operated upon for appendicitis, **xxvi**, 369; in the pelvic ureter, **xl**, 589; subcutaneous rupture of popliteal artery and vein, **xl**, 144; subclavian aneurism, **xl**, 271; suprapubic prostatectomy, **xxxix**, 811, **xlili**, 621; followed by formation of vesical calculi, **xxxix**, 436; suppurating gumma of liver, **xxxvi**, 132; suppurating hydatid liver cyst, and cholelithiasis, **xlvi**, 614; surgical engines for cranial operations, **xl**, 125; suture of typhoid perforations, **xl**, 930; treatment of tetanus, **xxvi**, 507; thrombosis of the mesentery, **xlili**, 614; thyroid extract in cases of non-union after fracture, **xxxiv**, 417; tibiofibular osteoplasty, **xxiv**, 48; treatment of cicatricial contractures, **xlili**, 305; diffuse suppurative peritonitis following appendicitis, **xliv**, 299; fractured patella, **xxxiii**, 195; hemorrhoids, **xl**, 458; prostatic abscess, **xl**, 134; rupture of spleen, **xl**, 470; prostatic hypertrophy by enucleation through a suprapubic incision, **xl**, 535; tubercular infection by catheterization of ureter, **xxx**, 750; tenosynovitis, **xxxvi**, 136; peritonitis, **xl**, 266; tuberculosis of femoral lymph-nodes after foot wounds, **xxxvii**, 783; use of oxygen gas with ether for anaesthesia, **xxiii**, 197; silver filigree in closing large defects in abdominal wall, **xxxviii**, 118; skiagraphy in diagnosis of tumor of the upper jaw, **xxiv**, 490; X-ray in diagnosis of stone in ureters, **xl**, 134; value of the differential leu-

- cocyte count in acute surgical diseases, **xl**, 625; volvulus, **xlii**, 591; vanishing tumor of the pylorus, **xliv**, 295; vesical calculus containing an opened safety-pin as a nucleus, **xlvi**, 797; Volkmann's ischaemic paralysis of forearm, **xlvi**, 459, 461; wire filigree suture for hernioplasty, **xli**, 945.
- Limbs**, some common injuries of, by Cotterell (review of), **ii**, 523.
- Lime**, carbonate of, for arresting growth of cancerous tumors, **vi**, 249.
- LINDH, DR.**: Successful operation for two cases of cerebral abscess, **xix**, 723.
- Lingual artery**, ligation of, through mouth, **xxxvi**, 15.  
Arteries, excision of the tongue, in ligature of, **ii**, 359.  
Goitre, **xl**, 323, **xlvi**, 826.  
Lipoma, case of, **xxv**, 201.  
Nerve, stretching of, for relief of neuralgia of tongue, **xxiii**, 48.
- Lip**, restoration of lower, after excision for carcinoma, **xxvi**, 147; results of operations for, **iv**, 173; of upper, **x**, 448.  
Cheiloplasty by borrowing from healthy, **xxii**, 131.  
Cleft palate, and, operations for, mortality of, **v**, 60.  
Epithelioma of, **xxxi**, 628, 632; of lower, long immunity from recurrence after removal of, **xxxiii**, 51; Malgaigne's operation for, **xxviii**, 381; pyoktanin in, **xvi**, 87; no relapse ten years after removal, **xxiii**, 186; removed by Regnier's method, **xxii**, 265, 266; simultaneous with epithelioma of the penis, **xvi**, 461.  
Face and jaw, clefts of, **i**, 578.  
Loss of entire lower, **xli**, 118.  
Plastic operation on upper, **xxxi**, 492; for restoration of lower, **xl**, 598.  
Restoration of the lower, after the method of Regnier, **xxi**, 688.  
Trichinous infection of a carcinoma of, **xlvi**, 332.
- LIPMAN E.**: Bacteraemia in cases of gall-bladder disease, **xl**, 131.
- Lipoma**, kidney, of, **xlvi**, 707.  
Knee, of, **iv**, 265, 359.  
Leg, of, **xxvi**, 231.  
Multiple symmetrical, **xl**, 141.  
Studies on, **viii**, 60.  
Telangiectatic, **xlvi**, 789.  
Tendon sheaths, of, **ix**, 146.  
Thigh, of, simulating sarcoma, **xxvi**, 230.  
Review of Book: Lingual Lipoma, by William Barton Hopkins, **xxv**, 201.
- Lipoma arborescens**, of, extensor tendon sheaths of forearm, **xxv**, 623.  
Knee, of, **xl**, 598.
- Lipoma testis**, **iii**, 365.
- Lipomata**, perineal, retroperitoneal, **xlvi**, 60.
- Lipomatosis**, multiple symmetrical, **i**, 643.
- Lips**, adenoma of the mucous glands of the, as a cause of macrocheilia, **xl**, 320, 438.  
Carcinoma of, operative treatment of, **xxii**, 445.  
Tongue, and, malignant tumors of, etiology and diagnosis, **x**, 249.
- Lip-tie**, **xxxix**, 433.
- Listerian precautions** in surgical joint-affections, **ii**, 61.
- Lithiasis**, urinary, symptoms and signs, **xl**, 584.
- Litholapaxy**, **ii**, 333, 334, **v**, 84, 164, 280, 422, 425, 426, **vi**, 33, 263, **vii**, 228, **xix**, 691.  
Bottini operation at one sitting, and, **xxxvi**, 17.  
Children, in, **xii**, 75, **xv**, 136, **xvi**, 39.  
Cocaine in, **v**, 81.  
Evacuator for, rapid, **iv**, 257.  
Male children and adults, in, **vi**, 147.
- Lithotomy** (see Bladder, Calculus, Cystotomy, Suprapubic), **ii**, 84, 334, **v**, 164, **vi**, 263.  
After-treatment of, **i**, 372.  
Bilateral, **iii**, 436; after partial closure of exstrophy of, **xxi**, 181.

- Cases of, ix, 391.  
 Children, in, x, 377; lateral, in, vi, 182; median, in, vi, 181.  
 Hepato-nephro-, xxii, 367.  
 Lateral, v, 281, 282.  
 Lithotripsy, or, for stone in bladder, xv, 180, 185.  
 Median, x, 311.  
 Nephro-, v, i, 166, 557, viii, 39, 40, 41, xi, 52.  
 Perineal, antiseptic dressing for, i, 373; and suprapubic, relative value of, xv, 135.  
 South China, in, iii, 90.  
 Spine, after fracture of, xix, 609.  
 Statistics, viii, 223.  
 Suprapubic, i, 159, 371, iii, 90, 92, 171, 349, 428, 432, 435, vi, 258, 264, viii, 44, x, 174, 378, 389, 473, 474, xi, i, 63, xii, 444, xxvii, 663; translation of first case of, ii, 176.  
 Suture, etage, in Allarton-Dolbeau section, x, 381.  
 Twice in fourteen months, iii, 172, iv, 187.  
 Utero-, transperitoneal, xxii, 363.  
 Vaginal, iii, 251.  
 Reviews of Books: Lithotomy, by Pierre Franco, ii, 175; Lithotomy in the Male, by Smits, ix, 398.  
**Lithotripsy**, ii, 334.  
 Children, in, vi, 182.  
 Cystotomy, and, xii, 390.  
**Lithotrite**, cystoscope, combined with, xlv, 452.  
 Forbes' improved, xxi, 77.  
**Lithotripsy** (see Bladder, Litholapaxy), vii, 228.  
 Guyon's method of evacuating debris after, xvi, 457.  
 Indications and contra-indications to rapid, v, 422, 426.  
 Limits of, v, 425.  
 Perineal, ix, 390; case of, xvii, 442.  
 Statistics, viii, 223.  
**LITTLE, J. L.**: On cystotomy for removal of tumors of bladder, i, 66.  
**Littre's** gangrenous hernia, spontaneous recovery from, xxx, 248; hernia, xxvii, 936, xxix, 533.

- Liver** (see also Echinococcus, Cholecystectomy, Cholecystotomy, Hepatic), abscess of, ii, 77, iv, 341, xxiv, 223, xxxiii, 189, 757, xxxiv, 833, xxxvi, 148, xxxix, 615, xlix, 869; amebic, of, xl, 448; appendicitis, secondary to, xlii, 692; diagnosis of, xxxix, 711; following appendicitis, xvii, 204, xlix, 856; of left lobe, xlv, 774; protozoa, with, xxi, 109; recurrent, xlii, 926; solitary, xlv, 217; sudden death from introduction of an aspirator needle into an, v, 346; surgery of, xxvi, 424; traumatic, xxxvii, 272.  
 Appendicitis, secondary to, infections of, xlii, 627.  
 Atrophy, acute yellow, of the, as a sequel to appendicectomy, xxxvii, 362.  
*Bilharzia haematobia*, lesions caused by eggs and embryo of, iv, 350.  
 Bullet wound of, ii, 78.  
 Calculous affections of, causes of errors of diagnosis in, xii, 371.  
 Carcinoma of, xlii, 626, xlix, 834.  
 Cirrhosis of, acute, in a child, xxii, 515; ascites from, treated by operation, xxxviii, 361; with ascites, epiploexy for, xxxv, 303; gunshot wound of, fatal hemorrhage after eight months, xxxviii, 448; injuries of, xxxviii, 147; operative treatment of, xxxiii, 653, 663, 715, 791; rupture of, xxxviii, 121; tropical abscess of, xxxiii, 560.  
 Congenital elongation of the left lobe of, xli, 31.  
 Costal arch, section of the, for bullet wound of, xlv, 155.  
 Cystomas of, multiple, xix, 251.  
 Cysts of, hydatid, treatment of, iv, 73; non-parasitic, xviii, 580; of round ligament of the, i, 550.  
 Diaphragm, lung, and pleura, bullet wound of, xli, 139.  
 Echinococcus of, x, 288, xv, 232,



- xxxiii**, 755; cyst of, **xxxi**, 253, **xxxii**, 714, 812; Volkmann's operation for, **x**, 275.  
 Excision of, partial, **xviii**, 243, 581, **xxvi**, 83, **xlii**, 632.  
 Gall-duct and jejunum anastomosis, **xli**, 56.  
 Gall passages, and, surgery of, **xv**, 380.  
 Gall-stone case, condition of, in, **xli**, 317; gall-stones in, **v**, 229, 237.  
 Gummatous tumor of the, operative removal of a, **xxxix**, 240.  
 Gunshot wound of, **v**, 225, **viii**, 81, 149, 213.  
 Hemorrhage from, due to trauma, arrest of, **xlvi**, 541.  
 Hydatid of, **v**, 215, 286, 287, 361, 362, **xxxv**, 425; cyst of, **iii**, 345, 438, **xvii**, 585, **xxxiv**, 833, **xxxviii**, 307, 309; cyst of, causing dilatation of the gall-bladder, **xvi**, 171; cyst of the, with ligature of the portal vein, **xlvi**, 619.  
 Kidney and lung, traumatic rupture of, **xxxi**, 247.  
 Laparotomy for penetrating gunshot wound affecting the, with recovery, **iv**, 528; for tumor of, **x**, 142.  
 Neoplasm, resection of, for, **xxx**, 267.  
 Pistol shot wound of, **vi**, 166.  
 Pleura, and, rupture of, **xli**, 138, 956.  
 Resection of, **xxvi**, 279, **xxix**, 364, **xlvi**, 937.  
 Rupture of, **xxiv**, 385, **xxxi**, 647, **xl**, 792; traumatic, **xxiv**, 234.  
 Sarcoma, for, excision of the whole left lobe of the, **xlvi**, 33; excision of, **xlii**, 151.  
 Schlatter on the treatment of traumatic injuries of, **xxv**, 499.  
 Stab wound of, **xxxi**, 744, **xlix**, 125.  
 Stomach, and gall-bladder, gunshot wound of the, **xxxix**, 100.  
 Suppurating gumma of, **xxxvi**, 132.  
 Surgery of, **v**, 212, 234, **xvi**, 138, **xxv**, 547, **xxxv**, 426; contributions to, **xi**, 128, 288, 379.  
 Surgical treatment of diseases of, **ii**, 51; of floating, **xxvii**, 115.  
 Suture of, elastic, **x**, 299; a new, **xlvi**, 790.  
 Syphilis of, **xxxvii**, 726; note on, of the, **xlvi**, 186.  
 Syphiloma of, **xxii**, 517.  
 Traumatic injuries of, **vi**, 435.  
 Tuberculosis of, localized, treatment of, **viii**, 122.  
 Tuberculous mass, excision of, from, **xxxix**, 98.  
 Tumor of, extirpation of, **xxviii**, 243, 581; surgical treatment of, **xxvi**, 83.  
 Wound of, perforating, **xxix**, 492.  
 Wounds of, **xli**, 20, 139.  
**LLOYD, JAMES HENDRIE**: Hyperostosis of the bones of face and of the cranium, **xxiii**, 310.  
**LLOYD, JORDAN**: Operative treatment of irreducible dislocations of the great toe and the thumb, **xv**, 486.  
**LLOYD, P. A.**: Two cases of ruptured bladder, **xv**, 494.  
**LLOYD, SAMUEL**: Excision of fibula for sarcoma, **xxvii**, 741; laminectomy for Pott's paraplegia, **xvi**, 289; operative attacks on human brain, **iv**, 499; remarks on and possibilities of mistakes in diagnosis founded on skiagraphy, **xxviii**, 514; the surgical treatment of empyema, **xl**, 373.  
**LOBINGER, ANDREW STEWART**: Gangrene of the gall-bladder, **xlvi**, 72.  
**Lock**, for paired instruments, **xix**, 231.  
**LOCKWOOD, CHARLES D.**: Hernia of the urinary bladder, **xxxviii**, 606.  
 Locomotor ataxia, **vi**, 89; arthropathy in, **viii**, 397; Charcot's disease of the hip in, **xx**, 369; the surgical treatment of, **xlix**, 737.  
**Long bone**, fractured, an external metal support for direct application to the shaft of a, **xliii**, 271.  
**LONGCOPE, WARFIELD T.**: Malignant tumors of ovary, **xli**, 300.

- Longitudinal sinus**, gunshot wound of, **xxxvii**, 848; laceration of superior, **xxxvii**, 607; superior, wound of, **xxiii**, 488; wound of, **xxxiv**, 188.
- LORENZ**: On the bloody reposition of congenital hip-joint dislocation, **xxi**, 727.
- Lossen's method**, neurectomy for trifacial neuralgia by, **xxi**, 320.
- LOTHROP, HOWARD A.**: Anatomy of inferior ethmoidal turbinate bone, **xxxviii**, 233; anatomy and surgery of the frontal sinus and anterior ethmoidal cells, **xxviii**, 611, 747, **xxix**, 175.
- LOUMEAU, E.**: Sublimate treatment of cystitis, **xix**, 742.
- LOUX, HIRAM R.**: Chronic phagedæna, due to mixed infections, **xxxv**, 586; echinococcus cyst of the liver, **xxxi**, 714; permanent drainage of both kidneys through lumbar opening, **xlvi**, 148; ureterostomy and nephrostomy for hydronephrosis, **xlvi**, 314.
- Lower extremities**, rhachitic deformities of, surgical management of, **i**, 492.
- Lucke's method** in gastro-entero-anastomosis, **xxxi**, 123.
- LUCKETT, WILLIAM HENRY**: Large phagedenic ulcer of the abdomen, **i**, 605.
- LUDLOW, A. IRVING**: Suture of the spleen for traumatic hemorrhage, **xli**, 939.
- Ludwig's angina**, **xxxiii**, 720, **xliv**, 175, **xlvi**, 161, 307, 335. Report of five cases of, **xlvi**, 649, 788.
- LULL, CABOT**: Primary pneumococcus arthritis in the knee-joint, **xxxiv**, 527.
- Lumbago** (review of), mechanical treatment of, by Schreiber, **vii**, 79.
- Lumbar abscesses**, treatment of, **iv**, 546.
- Hernia**, **xii**, 20; congenital, **xl**, 245; dissection of, case of, **xvi**, 137; probable, **xxii**, 272, 273.
- Lymph-nodes**, excision of, for malignant disease of the testicle, **xxxvi**, 539.
- Puncture**, for relief of hydrocephalus, **xvii**, 90.
- Lumbricoids**, migration of, into tissues of neck, **xvi**, 257.
- LUND, FRED. B.**: Angiorrhaphy—suture of wound of femoral artery and vein, **xl**, 394.
- Lung** (see also Pulmonary), abscess of, **xlvi**, 405, 470; acute, of the, operative treatment of, **xlvi**, 405, 472; intralobular, **xl**, 791; following pleuropneumonia, **viii**, 311. Actinomycosis of, **v**, 48, 49; case of, **xvii**, 229. Carcinoma of, primary, **iv**, 176. Cavities in, surgical treatment of, **vii**, 456. Collapsed, inflation of, with oxygen at moment of closing chest cavity, after operation, **xl**, 382. Cysts, treatment of, **iii**, 239. Decortication of, in chronic empyema, **xxxvi**, 641; and thoracoplasty, **xl**, 866. Dermoid cyst of, **xl**, 302. Echinococci of, **x**, 203; operative treatment of, **iv**, 177. Echinococcus cyst of, **xl**, 307. Exposure of, under differential pressure, **xl**, 556. Foreign bodies in, **xxxvi**, 1. Foreign body from, removal of, through a bronchoscope, **xxxix**, 194. Gangrene of the, cases of pneumotomy for, **xv**, 479. Gunshot wound of, case of, **xxvii**, 97, 100. Hydatids of, **vi**, 74. Knife-blade removed from, **xxxvii**, 360. Edema, acute, of the, secondary to ether narcosis, **xl**, 15. Operative treatment of tuberculosis of, **i**, 135. Phthisical cavities, for, incision and free drainage of, **vi**, 137. Pistol shot wound of the, **xl**, 554. Pleura, diaphragm, liver, and, bullet wound of, **xli**, 139. Rupture of the, without costal injury, **xlvi**, 383, 474.

- Shot wound of, penetrating, xxxviii, 597.
- Stab wound of the, treated by suture, xliii, 150.
- Surgery of, v, 385, ix, 285, xxxv, 536, 540; experimental, xlvii, 184.
- Syphilis as an etiological factor in diseases of, vi, 284.
- Thoracic injuries involving the, xxxv, 553.
- Tuberculosis, amputation for joint disease in coexisting, v, 101.
- Lupus carcinoma**, vii, 312.
- Ice, treated with, xi, 148.
- Skin, of the, treatment, xvii, 87.
- Surgical treatment of facial, xlv, 756.
- Thiersch skin-grafts, treatment by excision and the use of, xxiv, 651.
- Treatment of, iv, 160.
- Vulgaris and tuberculosis, iv, 514.
- LUSK, WILLIAM C.**: Drainage of prostatic abscess through the ischio-rectal fossa, xlv, 103; reduction of supracondyloid fracture of the femoral shaft, xlviii, 432.
- Luxability**, hereditary, of elbow-joint, xviii, 248.
- Luxation or luxations** (see Dislocation) knee, of the inter-articular menisci of, xvii, 109.
- Shoulder-joint, incomplete, of, xvi, 181.
- Luy's instrument** for intravesical separation of the two urines, xli, 81.
- LYDSTON, G. FRANK**: A method of anastomosis of the vas deferentia, xlv, 92; a systematic operation for penile hypospadias and other defects of the urethral floor, xlvii, 68; enormous case of prostatic calculus, xxxix, 391; contribution to the surgery of deep urethra, xl, 555; hepato-nephrolithotomy, xxii, 367; prostatic tractor for perineal prostatectomy, xxxviii, 359.
- LYMAN, CHARLES**: Carpometacarpal dislocation, xliii, 906;
- case of gastrotomy for removal of pedunculated carcinoma of the stomach, xxiv, 316; dislocation of humerus, with fracture at or near the surgical neck, xxxii, 543.
- Lymphadenitis**, of groin, simulating hernia, xii, 216.
- Lymphangioma** cavernosum of face, xxix, 257, xxxv, 407.
- Cheek, of, xlv, 945.
- Colli cysticum, vii, 291.
- Neck, of, operative treatment of congenital, ix, 296.
- Lymphangiomata**, inflammation of, intermittent, xxvi, 645.
- Lymphangitis**, xv, 43.
- Chronic, xxxiv, 183.
- Extremities, of, xv, 488.
- Limb, of upper, i, 368.
- Sublimate irrigations, and, iv, 429.
- Lymphatic constitution**, xxxix, 641, 814, xxxv, 641, 745.
- Glands, tuberculosis of, superficial, xxiv, 669.
- Hepatic infections, and, secondary to appendicitis, xlii, 627, 692.
- Surgical operations, care of, during and after, xxxix, 641, 814.
- Review of Book: The Lymphatics, by Delamere, Poirier, and Cunéo (Leaf's translation), xxxix, 1040.
- Lymphaticus status**, surgical aspect of, xxxv, 641, 745.
- Lymph-nodes**, amputation, complete, of external genitals and inguinal, xlviii, 450.
- Neck, of the, tubercular, xxix, 559, 613; tubercular, methods of removal of, xxix, 355; tubercular, surgical treatment of, xlii, 49.
- Technic of early operation for the removal of tubercular cervical, xlviii, 169.
- Lymphoma**, cases of, malignant, i, 123.
- Lymphomatosis**, Röntgen rays, general, treated by, xlv, 737.
- Lymphosarcoma** of neck, xl, 266.

## M

- MAASS, FRITZ: Method of infection of actinomycosis in man, **xxxviii**, 292.
- MACCLURE, THEODORE R.: Silverized catgut, **xlvi**, 769.
- MACEWEN, JOHN A. C.: Aid to the localization by X-rays of foreign bodies embedded in the tissues, **xxxviii**, 478; hernia of the vermiform appendix, **xl**, 516; operations for radical cure of hernia, **xiii**, 156; purulent mastoiditis, **xl**, 348.
- MACEWEN, SIR WILLIAM: Bone grafting and reimplantation, **i**, 959; mode of controlling the circulation through the abdominal aorta, **xix**, 1; osteogenic factors in development and repair of bone, **vi**, 289, 389; radical cure of hernia, **iv**, 89; transverse fractures of patella and olecranon, **v**, 177.
- MACDONALD, T. L.: An enormous cyst of urachus, **xlvi**, 230.
- MACDONALD, WILLIS G.: Improved technic in the operative surgery of carcinoma of the stomach, **xxxiii**, 157.
- MACGOWAN, GRANVILLE: Tuberculosis of the bladder, **xl**, 785.
- MACINTOSH, JAMES W.: Excision of branchial fistula, **xl**, 790.
- MACKENZIE, KENNETH, A. J.: Resection of the sciatic nerve, **i**, 295.
- MACLAREN, ARCHIBALD: Contribution to the surgery of perforating gastric ulcer, **xxxix**, 333; fibroid tumors of the uterus demanding operation, **i**, 287; intestinal suture, **xxxv**, 610; pelvic abscess and rectal drainage, **xlvi**, 1034, 1063; perforation of gall-bladder, **xliii**, 61; relationship between cholecystitis, jaundice and gall-stones, **xxxi**, 443; statistics of foreign bodies in the peritoneal cavity, **xxiv**, 365; syphilis of the liver, **xlvi**, 186; treatment of gastric and duodenal ulcers and benign obstructions of the pylorus, **xliv**, 236.
- MACLEAN, N. J.: Transduodenal choledochotomy, **i**, 1273.
- Macleod's method of reducing dislocations of shoulder, **xii**, 301, 302.
- MACNAMARA, C.: Fixation of stomach by hare-lip pins in gastrostomy, **i**, 341.
- Macrocheilia, adenoma of the mucous glands of the lips, due to, **xl**, 438.
- Macroglossia, **xliii**, 638; case of, **xxxvii**, 321; congenital, **x**, 194.
- Madelung's deformity of hands, **xlvi**, 794.
- MADURO, M. C.: Petroleum-ether mixture of Schleich for general anaesthesia, **xxviii**, 266, 282.
- MAFFUCCI, A.: Experimental researches on infective embryonal pathology, **xx**, 385; ducts of tubercle bacillus, **xx**, 556.
- Maggots within a renal calculus, **xliii**, 778.
- MAGILL, W. S.: Pathological anatomy and bacteriology of salpingo-ovariitis, **xxiv**, 315; resection of the ileocaecal coil of intestine, **xx**, 642; review of the results thus far obtained by the use of absorbable plates in effecting visceral approximation, **xx**, 297.
- Magnesium sulphate, intraspinal injections of, in tetanus, **xliii**, 440; in treatment of tetanus, **xliv**, 367.
- Magnet, use of for removal of foreign body from bronchus, **xl**, 358.
- MAKINS, G. H.: Acute primary osteomyelitis of vertebrae, **xxiii**, 510; cases of traumatic rupture of the colon with remarks on cases of rupture of the intestine treated at St. Thomas' Hospital, **xxx**, 137.

- MAKUEN, G. HUDSON:** Speech-training after closure of palatal clefts, **xxv**, 185; tonsillectomy, **xxv**, 131.
- Malar bone**, dislocation of, **xii**, 423.
- Malaria**, surgical operations, and, **xiii**, 130.
- Male breast**, carcinoma of, **xlvi**, 445.
- Male genital parts**, flaying of the, **iii**, 351.
- Male**, pelvic abscess in, **iv**, 245.
- Malformation** of anus and rectum, **vii**, 55.
- Malgaigne's hooks**, patella, for fractured, **xxii**, 111, 112; operation for epithelioma of the lip, **xxviii**, 381.
- Malignant cysts** of neck, **v**, 67.
- Malignant disease**, etiology, diagnosis and treatment of, **xxii**, 417; excision of, early recurrences after, **xvii**, 708; internal medication in, value of, **xvii**, 383; of tonsils, **xv**, 476.
- Malignant growths**, starving, by ligation of arterial supply, **xlii**, 934; starvation, by, treatment of, **xl**, 269; transmission of, possibility of, **xxxiii**, 492.
- Malignant neoplasm**, uterus, of the, question of origin from non-malignant, **xxiv**, 257.
- Malignant new growths**, pyoktanin, inoperable, treated by, **xvi**, 92.
- Malignant œdema**, **xiv**, 240, **xxxviii**, 481.
- Malignant pustule**, three cases of, **iv**, 425.
- Malignant tumors**, bacterial products, by, observations on the treatment of, **xxv**, 514; erysipelas inoculations, treated by, **xviii**, 68; etiology of, **ii**, 450; excision of portions of chest wall for, **xliii**, 35; nasal fossæ, of, **xiv**, 1; neck, of, **v**, 68.
- Mamma** (see also Breast), cystic degeneration of—transformation in carcinoma, **xxxviii**, 336; cysts of, in males, **xix**, 87; operative carcinoma of, **xxxviii**, 321; in young girls, painful, **iii**, 239.
- Mammary artery**, stab wound of internal, **xliv**, 948.
- Mammary carcinoma**, **vi**, 78; duration of life in, **ix**, 375; etiology of, **xiii**, 70; incision, best, in operations for, **xxxiv**, 308; statistics of, **vi**, 409; tumors in Heidelberg, **ix**, 376; hysteric tumors of, **xviii**, 79; plastic resection of, **xl**, 801; tuberculosis of, **iv**, 159; tuberculosis of, **xxviii**, 685.
- Mammary hypertrophy** in a boy, **xix**, 497.
- Mammary sarcoma**, female, **vi**, 413.
- Mammillaplasty**, **ix**, 277.
- Mandible** (see also Lower Jaw), fracture of, treatment of, **xxxviii**, 631; osteosarcoma of, **xlix**, 614, 734.
- MANDLEBAUM, F. S.:** Sarcoma of femur, demonstration of, **xxxvii**, 435.
- MANGES, W. F.:** Foreign bodies in skull and spinal column, localization of, **xlvi**, 467; phantom ureteral calculi, **xiv**, 317.
- MANLEY, THOMAS H.:** Contribution to traumatic abdominal surgery, **xxv**, 454; urethrectomy, partial or complete, as a method of radical treatment of rupture of the urethra, fistula or organic stricture, **xvii**, 181.
- MANN, A. H., JR.:** Emphysematous gangrene of the hand, **xix**, 187; suppurative pericarditis following appendicitis, **xxxiv**, 548.
- MANTEUFFEL, VON ZOEGE:** Cocaine as an hæmostatic in hæmophilia, **xviii**, 570.
- MARCY, HENRY O.:** Aseptic principles involved in the immediate hermetic sealing of wounds, **xxxi**, 450; the question of priority in choledocholithotomy, **xxviii**, 158; contribution to the history of operations on the common choledoch duct, **xxv**, 80; cure of hemorrhoids by excision, **x**, 321; ileocæcal fistula, **xxix**, 69; mortality after operations for large incarcerated herniæ,



xxx, 65; surgical treatment of spina bifida, **xxi**, 237; tubercular peritonitis in woman, **xlii**, 755; in what class of wounds shall we use drainage? **xii**, 413.

**Marjolin's ulcer**, **xxxvii**, 450, 496.

**MARKOE, FRANCIS H.**: Anatomy of gall-ducts, **xxix**, 758; capillary drainage, **i**, 60; cases of nephrectomy, **xix**, 98; choledocholithectomy, **xx**, 741; intestinal obstruction following appendicitis, **xix**, 678; chronic intussusception, **xxx**, 643; entero-anastomosis for malignant stenosis of the digestive tract, **xix**, 172; fractures of skull, **xxix**, 353; hydatid cyst of liver, **xvii**, 585; later history of tuberculous ureter after nephrectomy, **xxix**, 56; oesophagotomy for foreign bodies lodged in the tube, **iv**, 193; pyloroplasty for cicatricial stenosis, **xx**, 740; remarks on vasectomy, **xxvii**, 767; sacro-coccygeal dermoid, **xxi**, 706; sarcoma following traumatism, **xxx**, 643; secondary nerve suture, **ii**, 181; splenectomy, **xx**, 737; splenectomy, **xvii**, 582; synovial tuberculosis of elbow-joint, **xxiii**, 189; thyrodermoid of the coccyx, **xxii**, 502; treatment of fracture of patella, **xxiv**, 48; treatment of ruptures of quadriceps' extensor tendon, **xxii**, 507; treatment of knee-joint supuration, **xxii**, 505; tuberculosis of bladder, **xxii**, 513; uretero-ureteral anastomosis, **xxix**, 593; use of oxygen gas with ether for anæsthesia, **xxiii**, 194.

**MARNOCHE, JOHN**: Two cases of rupture of bladder, **xliii**, 241.

**Marrow**, osteogenetic power of, **i**, 484.

**MARTIN, EDWARD**: Acute general peritonitis without demonstrable lesion, **xliv**, 917, 952; ambulatory treatment of fractures of the leg, **xxiii**, 462;

apparatus for sterilization of soft urethral instruments, **xxiv**, 226; case of hepatic abscess, **xxiv**, 223; case of hypospadias, **xxiv**, 226; castration for prostatic hypertrophy, **xxiv**, 223; danger of appendicitis, **xxiii**, 625; diffuse aneurism, **xxii**, 391; dislocation of a vertebra, **xliv**, 457, 460; early operations for osteomyelitis, **xxiv**, 236; extensive angioma of the face, **xliii**, 453; extirpation of carcinoma of upper jaw, **xxiii**, 302; gastrostomy for carcinoma of oesophagus, **xxiii**, 299; intestinal suture, **xxv**, 820; old fracture of the patella, operative results in an, **xliii**, 452; operative treatment of fracture of patella, **xxiv**, 232; penetrating wounds of chest, **xliv**, 950; perineal testicle restored to its proper position, **xx**, 94; radical cure of congenital inguinal hernia, **xxiii**, 302; suture of femoral artery, **xlii**, 618; treatment of hemorrhoids, **xxv**, 826, 827; treatment of ununited fracture of humerus, **xxiv**, 382.

**MARTIN, FRANK**: Report of a case of recovery after abdominal section for multiple gunshot wounds of the abdomen, **xxxiii**, 311; the surgical treatment of trifacial neuralgia, **xlv**, 649.

**MARTIN, WALTON**: Abscess of liver after appendicitis, **xlix**, 857; gunshot wound of the lung, **xlix**, 557; intestinal obstruction due to tubal pregnancy, **xlix**, 271; the lesions associated with gunshot wounds of the stomach, **xlv**, 699, 779; perforated ulcer of the stomach, **xlix**, 863; removal of multiple tuberculous foci, including resection of ankle-joint and of the seventh costosternal articulation, **i**, 477; resection of the ankle for tuberculosis, **xlv**, 144;

- Roux Y-operation for pyloric stenosis, **xlix**, 548; typhoid perforation of ileum, **xlvi**, 133.
- MASLAND, H. C.**: Use of the Masland saw for opening the cranial vault, **xliv**, 161, 320; operating upon the cranial vault, **xlix**, 371.
- MASON, J. M.**: Study of burns involving the periosteum of the vault of the skull, **l**, 815; treatment of dislocation of the shoulder-joint complicated by fracture of the upper extremity of the humerus, with an analysis of sixty-three cases with fracture at the head of the humerus, and twenty-one cases with fracture of the greater tuberosity reported since 1894, **xlvi**, 672.
- Massachusetts General Hospital**, end results of 376 primary operations for carcinoma of the breast at the, **xlvi**, 20.
- Massage**, abdomen, for intestinal obstruction, of the, **ii**, 269.
- Mercury bath, by plunging into, **xxxviii**, 767.
- Mobilization and, in the treatment of fractures, **xi**, 358, 359.
- Movements and, in the treatment of fractures, **xxiv**, 691.
- Periarticular fractures, recent, in the treatment of, **xxxii**, 351, 603.
- Scoliosis, treatment of, by, **iv**, 266, 485.
- Review of Books: Massage, by Graham, **ii**, 178; **xxxvii**, 639; Massage and Swedish movements, by Ostrom, **xxxvii**, 639.
- MASTIN, C. H.**: Lumbar hernia, **xii**, 20.
- MASTIN, W. M.**: Filaria sanguinis hominis, **viii**, 321; recurrence at a late period after operation of carcinoma of the breast, **xlvi**, 527; venous blood-tumors of cranium, **i**, 324, 439.
- Mastitis**, sculptor's white clay in, **viii**, 471.
- Mastoid abscess**, **xxxviii**, 599.
- Cells, aural polypus, perforation for relief of, **xiv**, 411.
- Trephining of, resulting in open bony cavities lined with epithelium, **xvi**, 435; trephining the, cases of, **xxi**, 610; new method of, **ix**, 371.
- Review of Book: The Modern Mastoid Operation, by Whiting, **xlii**, 635.
- Mastoiditis**, appendicitis, and, simultaneously operated upon, **xxiii**, 613.
- Purulent, **xl**, 348.
- MATAS, RUDOLPH**: Fecal origin of some forms of tetanus and its prophylaxis by proper dietetic or culinary measures, **l**, 338; interdental splint for fracture of lower jaw, **xli**, 1; management of acute traumatic pneumothorax, **xxix**, 409; method of treating case of aneurism, **xxxviii**, 493; operation for aneurism, **xli**, 115, **xlii**, 123, 124; a popliteal aneurism, presenting unusual difficulties in the application of Matas's operation, **xlvi**, 15; radical cure of aneurism by arteriorrhaphy, **xxxvii**, 161; traumatism and traumatic aneurism of the vertebral artery and their surgical treatment, **xviii**, 477.
- Materia medica** (reviews of), Bowen, **ix**, 478; Morris on essentials of, **x**, 480; Wood's, **ix**, 240.
- MATHEWS, FRANK S.**: Enucleation of the tonsils, **l**, 797; finger-enucleation of the tonsils, **xlvi**, 883; fracture of the external condyle of the humerus, **xlix**, 712; ligature of external carotid as preliminary to excision of cancer of the tongue, **xlix**, 862; nephrectomy for multiple kidney infarcts in a child, **xlix**, 541; pneumococcus peritonitis, **xl**, 698; physiological salt solution, **xl**, 243.
- Mattress** for operating table, **xxvii**, 682.
- MAUNSELL**: Method of intestinal suture, **xxii**, 688.

- MAURY, J. W. D.:** Twine triangular stitch for gastro- and entero-enterostomy, **xli**, 914; is death in high intestinal obstruction due to the absorption of bile? **xlvi**, 556; observations upon a form of exophthalmic goitre occurring in a dog, **xlvi**, 541; plans of a sanitary animal cage for laboratory use, **xxxix**, 991; preliminary report of experimental studies on thoracic cesophagus, **xlvi**, 544; studies upon the function of pylorus and stomach after gastro-enterostomy has been performed, **xlvi**, 549.
- Maxilla** (see Jaw), cystic tumor of, **ii**, 343.
- Fracture of inferior, **xix**, 653; with separation of genial tubercle, **xix**, 653.
- Heusner's method for resection of, **x**, 186.
- Incision of the inferior, for carcinoma, **xlvi**, 812.
- Inferior, ankylosis of temporomaxillary joint with osteotomy of, for cure, **x**, 426, ancient dislocation of, case, **viii**, 179; bilateral dislocation of, reduced after 136 days, **xix**, 239; non-development of the, **xxxiv**, 430.
- Neuralgia of inferior, cured by resection of alveolar border, **ii**, 260.
- Removal without recurrence, **xix**, 241, 688, **xxxii**, 134.
- Resection of lower, **xli**, 625.
- Sarcoma of the superior, **xxxiv**, 300, 437.
- Superior, crush of, **xlxi**, 858; excision of, **xi**, 305.
- Maxillæ**, congenital deformity of the face, partial resection of the upper and lower, for, **xlvi**, 278.
- Maxillary** joints, excision of temporomaxillary, for true ankylosis, **ii**, 415, **v**, 141.
- Nerve, resection of superior, **iii**, 236.
- Sinus, empyema, operative treatment of, **iv**, 335; surgery of, **xxi**, 612.
- MAY, B.:** Amputation of entire upper extremity in continuity of the trunk by the method of Paul Berger, **viii**, 434; hemorrhage from external auditory canal by erosion of internal carotid artery, **i**, 559.
- MAYDL:** Operation for relief of modified exstrophy of bladder, **xxxviii**, 763.
- MAYER, OSCAR J.:** Angiotripsy in general surgery, **xxxvi**, 183; case of laminectomy, **xxvi**, 207; chronic inflammation of the spermatic cord with gangrene of testis, **xxvi**, 666.
- MAYLARD, A. ERNEST:** Cause of stitch abscesses and their prevention by inunctions of oleate of mercury, **xxxv**, 1; hepatocholeangio-jejunostomy, **xli**, 56; intestinal anastomosis by invagination, **xlxi**, 690; investigation into the antiseptic value of iodoform, **xi**, 17; plea for a revised nomenclature of operations upon the alimentary canal, **xxvi**, 289; sponges and their use in surgery, **xliii**, 321; tracheotomy with ulceration of the tube through the trachea into the innominate artery and death, **ix**, 192.
- MAYO, CHARLES H.:** Case of hydrancephalocoele, **xviii**, 26; ligation of the thyroid vessels in certain cases of hyperthyroidism, **i**, 1018; the parathyroid question, **i**, 79; surgical treatment of bunion, **xlvi**, 300; transperitoneal removal of tumors of the bladder, **xlvi**, 105.
- MAYO, WILLIAM J.:** Analysis of three hundred and twenty-eight operations upon gallbladder and bile passages, **xxxv**, 732; case of intussusception of ileum due to action of an adenoma, **xxiv**, 733; of vaginal anus, cured by ileocolostomy, **xxvi**, 634; of volvulus of the sigmoid flexure, relieved by abdominal section, **xviii**, 28; complications following gastro-enterostomy, **xxxvi**, 231; contributions of surgery to a better

understanding of gastric and duodenal ulcer, **xl**, 810; duodenal ulcer, **xl**, 900; extirpation of the mucous membrane of gall-bladder, **xxxiii**, 192; ileocaecal orifice and its bearing on chronic constipation, **xxxii**, 364; malignant diseases of stomach and pylorus, **xxxii**, 251; mesocolic or retrogastric hernia, **xlix**, 487; observations on the surgery of gall-bladder and bile-ducts, **xxx**, 450; operation for the radical cure of umbilical hernia, **xxxiv**, 276; operation upon gall-bladder, **xxxvi**, 159; radical operation for the cure of carcinoma of the pyloric end of the stomach, **xxxix**, 321; relation of the mesocolic band to gastro-enterostomy, **xlvi**, 1; remarks on cases involving operative loss of continuity of bile duct, **xlii**, 90; remarks on the radical cure of hernia, **xxix**, 51; review of fifteen hundred operations upon the gall-bladder and bile passages with especial reference to the mortality, **xliv**, 209; review of five hundred cases of gastro-enterostomy, **xlii**, 641; of three hundred and three operations upon the stomach and first portion of the duodenum, **xxxviii**, 30; study of gastric and duodenal ulcers, with especial reference to their surgical cure, **xlvi**, 885, 1052; surgery of the large intestine, **l**, 200; technic of gastrojejunostomy, **xliii**, 537; treatment of complications of chronic gall-stone disease, **xxxviii**, 453.

MAYO, WILLIAM J., AND CHARLES H.: Clinical report, **xxi**, 35.

MCARTHUR, L. L.: Actinomycosis, **xli**, 635; acute postoperative dilatation of stomach, **xliii**, 470; adenocarcinoma of stomach and liver, **xxxv**, 832; adult kidney of fetal type, **xxxiv**, 203; anuria, **xxxvii**, 629; biliary calculi in com-

mon and other biliary ducts, **xli**, 797; blood examinations in their relation to surgical procedures, **xxxviii**, 418; carcinoma of the liver, **xlii**, 626; carcinoma of the rectum, **xxxiii**, 661; operation for establishing collateral circulation in cases of cirrhosis of the liver, **xxxiii**, 653; cystadenoma of jaw, **xliv**, 629; decapsulation for chronic nephritis, **xxxix**, 618; dermoid cyst of thorax, **xxxv**, 659; diagnosis of stone in the kidney, **xlvi**, 1057; excision of liver tissue, **xlii**, 633; exposure of ureter, **xxxvi**, 464; exstrophy of bladder, **xxxvii**, 291; fecal fistula after prostatectomy, **xli**, 314; friable intestinal walls, **xli**, 309; hæmangio-endothelioma of axilla, **xliv**, 629; hepatic infections following appendicitis, **xlii**, 629; hermaphroditism with imperforate anus, **xxxv**, 661; ileus due to vascular obstruction, **xxxiii**, 443; nephrectomy, **xliv**, 627; operation for establishing pancreatic cyst, **xxxix**, 458; pylorotomy for carcinoma, **xxxvii**, 962; perforated gastric ulcer, **xliii**, 465; removal of birth-marks, **xxxvii**, 961; rupture of spleen, **xxxvi**, 466; splenic enlargements and splenectomy, **xxxiv**, 199; surgery of the kidney, **xxxvii**, 968; symptomatology of gall-stones, **xxxv**, 666; technic of removal of malignant disease of the rectum, **xxxvi**, 460; tendon fibres from external oblique muscle as suture material in hernia operations, **xxxiv**, 323; three unsuccessful cases of operation for perforating typhoid ulcer, **xxxvi**, 624; treatment of hip-joint abscess, **xxxiii**, 658; of perforating wounds of abdomen, **xxxix**, 471; tubercular peritonitis, **xliii**, 794; tuberculosis of ileocaecal valve, **xxxiv**, 205.

McBURNAY, CHARLES: Administration of ether, **xxviii**, 524; amputation at hip-joint for sarcoma, **xxviii**, 129; of forearm by a new method for sarcoma of radius, **xxiii**, 181; aneurism of external iliac—ligation of common iliac, **xxviii**, 128; aneurismal angioma of hand, **xix**, 367; appendicitis obliterans, **xxiii**, 608; case of removal of extensive osteosarcoma of jaw without recurrence, **xix**, 688; case of prolonged immunity from recurrence of sarcoma after removal of the superior maxilla, **xix**, 241; cases illustrating the use of a mechanical appliance to correct the deformity after removal of half of the lower jaw, **xx**, 35, 78; chronic dislocation of shoulder with fracture reduced by hooks, **xxi**, 299; reduction of dislocation of the humerus complicated by fracture at the anatomical neck, **xxiii**, 501; control of hemorrhage during amputation at hip-joint, **xxv**, 741; cyst of pancreas, **xix**, 492; direct intra-abdominal finger-compression of the common iliac artery during amputation at the hip-joint, **xxv**, 610; dislocation of the humerus complicated by fracture at or near the surgical neck, **xix**, 399, 493; at the anatomical neck, **xxiii**, 444, 501; exploration of abdominal wounds, **xix**, 89; exploratory nephrotomy, **xxvii**, 655; extirpation of tubercular kidney, **xxiv**, 52; Halsted's method for the radical cure of hernia, **xix**, 363; hip-joint amputation with direct pressure on common iliac through the abdominal incision, and intravenous saline infusion, **xx**, 181; incision made in the abdominal wall in cases of appendicitis, **xx**, 38; indications for early laparotomy in appendicitis, **xiii**, 233; injection of saline solution for urinary suppres-

sion after nephrolithotomy, **xxii**, 266; intestinal obstruction after excision of grangrenous appendix, **xix**, 683; after operation for appendicitis, **xxi**, 315; multilocular vermiform appendix, **xx**, 186; nephrectomy for abscess of kidney, **xxiii**, 282, 289; operation for separation of upper epiphysis of humerus, **xxiii**, 177; operative treatment of carcinoma of the breast, **xxiii**, 607; of club-foot, **xix**, 369; operative treatment of separation of the lower epiphysis of femur, **xxiii**, 506, 606; osteoplastic operation for defect of tibia, **xxii**, 511; parietal incision for gall-bladder operations, **xxiii**, 286; plastic operation for prominent ears, **xxi**, 301; for deformity of the nose, **xxviii**, 258; preliminary tracheotomy in operations on the upper air-passages, **xxv**, 742; pyloric stenosis, **iii**, 372; question of the removal of the appendix in every case of appendicular abscess, **xxiii**, 750; Regnier's and Malgaigne's methods for removing labial epithelioma compared, **xxii**, 265; relation of surgeons to cases of appendicitis, **xix**, 680; removal of biliary calculi from the common duct by the duodenal route, **xxviii**, 481, 517, 525; of the kidney for sarcoma, **xix**, 92; resection of clavicle for osteosarcoma, **xxviii**, 259; of small intestine for sarcoma with intussusception, **xxiii**, 441; result after operation for appendicitis without division of muscular fibres, **xxi**, 308, 312; of Halsted's operation for carcinoma of the breast, **xxv**, 363; of hot saline intravenous infusions, **xxi**, 303; sarcoma of undescended testicle, **xvii**, 448; sarcoma of kidney, **xx**, 373; of ovary, **xxi**, 706; separation of the lower epiphysis of femur treated by operation, **xxiii**, 444, 501; specimens of appendicitis, **xix**, 498;



stenosis of larynx, **xxviii**, 522; suture of musculospiral nerve, **xxii**, 262; Szymanowski's operation applied to the cure of urethroperineal fistula, **iv**, 461; toxine treatment for sarcoma, **xxii**, 263, 264; transverse fracture of patella without separation, **xxi**, 312; treatment of elbow fractures, **xix**, 237; of fracture of the patella, **xxiv**, 46; of rupture of quadriceps extensor tendon, **xxii**, 506; treatment of tubercular peritonitis, **xxv**, 739; ureterolithotomy, **xxi**, 76; use of gauze tampons in intestinal surgery, **xxiii**, 294; use of rubber gloves in operative surgery, **xxviii**, 108, 134.

**MCCATTY, ALEX. J.**: Case of laparo-myotomy, **ii**, 432.

**MCCLELLAN**: Anatomy in its relation to art, **xxxv**, 434; a well-proportioned anatomical model, **xxxviii**, 120.

**MCCOLLIN, DR.**: Personal immunity from sarcoma recurrence after amputation of thigh, **xxxiv**, 596.

**MCCONNELL, GUTHRIE**: Carcinoma of the cardiac end of the stomach, **xlv**, 682.

**MCCOSH, ANDREW J.**: Acute hæmatogenous infection of kidney, **xl**, 1012; air-distention in suprapubic cystotomy, **xxv**, 180; anæsthetics in operations for typhoid perforations, **xxxvii**, 287; aphonia following extirpation of goitre, **xxx**, 642; appendicitis with general septic peritonitis—recovery, **xxv**, 179; carcinoma of the male breast, **xxxi**, 742; case of popliteal aneurism, **xxix**, 608, 617; case of trephining and drainage of the lateral ventricles, **xvii**, 703; cases of gangrenous hernia subjected to circular enterorrhaphy, **xix**, 647; cases of quadriceps femoris tendons treated by suture, **xxv**, 355; cessation of epilepsy after trephining and typhoid fever, **xix**, 616; cases of dis-

location and fracture of costal cartilages and of clavicle, **xxiii**, 279; cysts of suprarenal bodies, **xlv**, 301; of the suprarenal gland, **xlv**, 878; diagnosis of appendicitis, **xxxiii**, 629; empyema of gall-bladder complicating typhoid fever, **xxix**, 495; enterostomy in peritonitis, **xxix**, 116; excision of the rectum with secondary intestinal anastomosis, **xxviii**, 519; excision of the rectum for carcinoma, **xlvii**, 284; extirpation of bladder for carcinoma, **xl**, 262; excision of the ureter after nephrectomy, **xxvi**, 364; general septic treatment of peritonitis, **xxv**, 687; hæmostasis in hip-joint amputation, **xxi**, 175; hip-joint amputation, **xxv**, 179; hypertrophy of tibia, **xix**, 615; injuries of brachial plexus, **xxxv**, 109; injury of pelvis, intraperitoneal hemorrhage, **xxvi**, 127; intra-uterine amputation, **xix**, 614; laminectomy for simple fractures, **xxv**, 105; limitations of sacral operations, **xxviii**, 262; lumbar hernia following nephrorrhaphy, **xxvii**, 539; nephrectomy for abscess, **xxiii**, 291; objections to artificial bridges for the nose, **xxviii**, 253; observations on the results in 125 cases of sarcoma, **xl**, 161, 268; operation for hallux valgus, **xxv**, 484; perforating ulcer of the duodenum, **xxx**, 237; persistent traumatic œdema of ankle, **xxvi**, 368; peritonitis in the male as a complication of gonorrhœa, **xxi**, 140, 175; postoperative comfort, **xliv**, 115; primary carcinoma of the appendix—no recurrence after nine years, **xlviii**, 128; question of operation for non-penetrating intracranial trauma, **xlviii**, 127; removal of biliary calculi from the common duct by the duodenal route, **xxviii**, 519; removal of biliary calculus from the common duct, **xxiii**, 180; re-

- sults of operation on the kidney for calculus and tuberculosis, **xlvi**, 1022, 1054; result of operation for spinal tumor, **xxxiii**, 45; rhinoplasty, **xxv**, 95; sarcoma of the inguinal glands, **xlvi**, 150; sarcoma of the long bones, **xxxvi**, 615; skin-grafting in the treatment of complete stenosis of the larynx, **xxxiv**, 433, 649; stenosis of larynx, **xxxi**, 747; spontaneous disappearance of sarcoma, **xxv**, 176; suprapubic drainage of the bladder, **xxix**, 349; syphilis cutanea vegetans, or framboesia, **xxi**, 46; the technic of Alexander's operation, **xxv**, 99; thyroidectomy for exophthalmic goitre, **xxii**, 793; treatment of fracture of femur in babies, **xxvi**, 368; of chronic ovaritis, **xxviii**, 253; of general septic peritonitis, **xxvi**, 238; of renal tuberculosis, **xxvii**, 87; of tuberculosis of the ureter, **xxviii**, 249, **xxix**, 757; trephining and heteroplasty for traumatic epilepsy, **xxvii**, 670; trephining for aphasia, **xxx**, 325; for traumatic epilepsy, **xxviii**, 131; in fractures of the skull, **xxix**, 354; tuberculosis of intestines, **xxxv**, 810; use of oxygen gas with ether for anæsthesia, **xxiii**, 197.
- McCoy, John C.**: Traumatic epilepsy, **xxxviii**, 783.
- McCurdy, Stewart LeRoy**: Venereal arthropathies, **xxviii**, 725; congenital absence of radii with operation, **xxiii**, 44; treatment of fracture of the mandible, **xxxviii**, 630; wrist resection by the lateral incision, **xliv**, 102.
- McDonald Ellice**: Puerperal general peritonitis, **xlvi**, 203.
- McGraw, Theodore A.**: Aneurisms, in young people, **i**, 59; gastro-enterostomy by the Podrez method, **xxxi**, 524; method of making intestinal anastomosis which will prevent subsequent contraction of the orifice, **xviii**, 313; new operation for intestinal stenosis, **xl**, 689; treatment of obstruction of common gall-duct, **xxii**, 167; use of elastic ligature for entero-enterostomy, **xxxv**, 406; of elastic ligature in gastro-enterostomy, **xxxix**, 144; splenectomy for leukæmic enlargement, **xxxvi**, 252; surgery of the intestine, **xxiv**, 105.
- McGuire, Hunter**: Operative treatment of carcinoma of the male genitals, **xxii**, 472.
- McLaren, John Shaw**: Congenital dislocation of patella, **xxxi**, 679; electrolysis in prostatic enlargement, **ix**, 347.
- McMurtry, Lewis S.**: Primary carcinoma of the female urethra, **xlvi**, 1032, 1057.
- McReynolds, R. P.**: Bullet wound piercing lung, diaphragm, and the spleen, **xlvi**, 313; cyst of pancreas, **xlvi**, 130; five cases of operations for perforated typhoid ulcer, **xxxix**, 125; intestinal perforation in typhoid fever, **xxxviii**, 131; pulmonary complications following abdominal operations, **xl**, 149.
- McWilliams, Clarence A.**: Acute diverticulitis of descending colon and sigmoid perforation, **xlvi**, 132; calculi in a horseshoe kidney, **xlvi**, 714; disarticulation at hip for sarcoma, **xlvi**, 623; epithelioma of the tongue four years after operation, **xlvi**, 615; excision of the tongue for epithelioma, **xlvi**, 436; exophthalmic goitre—operation in three stages—local anæsthesia, **i**, 491; intussusception, **xlvi**, 313; osteoplastic closure of skull defect, **xlvi**, 122; fractured dislocated head of the radius, **xlvi**, 860; primary carcinoma in acutely inflamed appendix, **xlvi**, 116; primary typhlitis without appendicitis, **xlvi**, 852, 963, 966; reduction of fracture-dislocation of

spine after laminectomy, **xlvi**, 140; reposition of abdominal undescended testis in scrotum followed by necrosis, **xlvi**, 467; result of resection of elbow and hip after ten years, **xlvi**, 438; value of bronchoscope in treating foreign bodies in the bronchi, **xlvi**, 448.

**MEARS, J. EWING:** Ambulatory treatment of fracture of the leg, **xxiii**, 472; chronic osteitis of tibia, **xxviii**, 148; correction of curved tibia by accidental fracture, **xxvii**, 791; drainage after operation for appendicitis, **xxvii**, 105; laminectomy for fractured vertebra, **xxix**, 640; ligature of the spermatic cord for conditions other than hypertrophy of the prostate gland, **xxii**, 482; in the treatment of prostatic hypertrophy, **xxi**, 181; plastic for deformity following gunshot wound of lower jaw, **xxiii**, 479, 481; Malgaigne's hooks, **xxii**, 112; modern medicine and surgery of the Orient, **xlvi**, 1042; old and new in surgery, **i**, 23; operation for harelip, **xxix**, 763; for perforating typhoid ulcer, **xxviii**, 145, **xxix**, 504; operative treatment of cleft palate, **xix**, 248; osteitis of tibia, **xxix**, 268; pathology and treatment of inveterate trifacial neuralgia, **vii**, 712; reminiscences of the early days of the American Surgical Association, **xlvi**, 833, 1044; treatment of compound fracture of the lower extremity, **xxiii**, 457; of fractures of the lower end of the radius, **xxix**, 277; of umbilical hernia, **xx**, 191; temporo-maxillary ankylosis, **xxvii**, 672; uranoplasty, **xxv**, 765; use of iodoform, **xxvii**, 681; of needle-holders, **xxix**, 1621, 264.

**Measles**, secondary infection in, **xiv**, 482.

**Mechanical** versus suture methods

of intestinal approximation, **xxxix**, 846.

**Meckel's diverticulum**, **xi**, 536.

Abdominal crisis caused by, **xi**, 742.

Bowels, causing obstruction of, **xxxix**, 447; calcified, forming a pelvic tumor, **xxiv**, 484.

Experience with, **xliv**, 124.

Hernia of, **xxxv**, 503.

Ileus due to, **i**, 1278.

Intestinal obstruction from, **xvii**, 341, **xlvi**, 299, **xxxv**, 471, **xliv**, 631; from degenerated, **xxxvii**, 111; from strangulation of, acute, **xlvi**, 309.

Intestinal operation, as a cause of, **xxvii**, 448.

Intestinal strangulation by, **xxvi**, 179, **xxxii**, 709.

Intussusception of, **xxxv**, 32, **xi**, 796; associated with, **xxxviii**, 712.

Invagination of, **xlvi**, 801.

Inversion of the patent, **vii**, 158.

Murphy button retained in, for three years after gastro-enterostomy, **xlix**, 134.

Omphalomesenteric duct, and other vestiges of the, clinical experiences with, **xliv**, 87.

Patent at navel, **xxxv**, 503.

Perforation of, as a cause of peritonitis, **xxxvii**, 297.

Seeds, filled with, **xlvi**, 764.

Unclosed, with prolapse of ileum, **xxviii**, 647.

**Median nerve**, gangrene of, without loss of function in supplied parts, **vi**, 501.

Ulnar nerve grafted upon, **iv**, 161.

**Mediastinal glands**, suppuration of, case of, **i**, 361.

**Mediastinum**, abscess of, **ix**, 299.

Milton's method of exposing the anterior, **xxxiv**, 472.

Surgical exposure of, anterior, **xxxiii**, 56.

Surgical intervention in lesions of the posterior, **xxx**, 531.

Review of Book: Surgery of the Mediastinum, **ix**, 480.

**Medical Annual and Practitioner's Index**, by Wilde (reviews of),

- vi, 288, xix, 382, xxvi, 521; for 1894, xx, 126; for 1895, xxii, 539.
- Medical Diagnosis** (reviews of), by Da Costa, xiii, 80, xiv, 430; Musser's (John H.) Treatise on, xl, 770; Solis-Cohen's Essentials of, xvi, 399.
- Medical Jurisprudence and Toxicology**, by Chapman (review of), xxv, 119, xxxix, 700.
- Medical Physics**, Essentials of, by Brockway (review of), xvi, 399.
- Medical Society of London**, proceedings of (review of), viii, 80.
- Medicine**, Hatfield prize for original research in, xxxv, 440.
- Reviews of Books: American Year-Book of Medicine and Surgery, for 1896 and 1897, xxv, 668; for 1898, xxvii, 807; for 1899, xxix, 658; for 1901, xxxiii, 669; for 1903, xxxviii, 159; Anomalies and Curiosities of Medicine, by Gould and Pyle, xxvi, 150; Annual Cyclopædia of Practical Medicine, by Sajous, xxviii, 291, xxix, 532; Annual of the Universal Medical Sciences, by Sajous, xv, 342; Atlas of Legal Medicine, by Hofmann, xxvii, 415; Diagnostics of Internal Medicine, Glentworth R. Butler, xxxvi, 318; Dictionary of Medicine, by Keating-Hamilton, xvi, 503; Manual of the Practice of Medicine, by Stevens, xvii, 637; Practice of Medicine, by Wood and Fitz, xxv, 227; Text-book of Medicine, by Pepper, xix, 119, 637; Theory and Practice of Medicine, by Whittaker, xviii, 694.
- Medico-Chirurgical Society of West London**, review of proceedings of, viii, 240.
- Medico-Chirurgical Transactions** (review of), by Keetley, i, 188.
- Medulla oblongata**, abscesses of, xvi, 165.
- MEISENBACH**, A. H.: Neudörfer's method of amputating extremities, xx, 355; pathological separation of the lower epiphysis of the femur, xxi, 157.
- Melanosarcoma** in an infant, xv, 369; of penis, vii, 300; specimens of, xxi, 322.
- Melanotic tumors**, orbit of, xix, 726.
- Whitlows**, iv, 357, 360.
- MELLISH**, ERNEST J.: Chronic empyema of the gall-bladder, xxxix, 570; large vesical calculus, xxxiii, 347; total avulsion of the scalp, xl, 644.
- Meloplasty**, xiv, 21.
- MELSONE**, W. S.: Lower limitations of the pleural cavities with regard to certain surgical operations, xxvi, 417.
- MELTZER**, SAMUEL J.: Intraspinal injections of magnesium sulphate in tetanus, xliii, 444.
- Meningeal artery**, extradural hemorrhage from rupture of middle, xxxvii, 341; fracture, without rupture of middle, xii, 116; hemorrhage from, middle, ix, 232, 512; Hartley-Krause flap in, xxxvi, 591; middle, research on the surgical anatomy of, xxiii, 540; rupture of branches of, middle, by contrecoup, xxxix, 451; surgical anatomy of middle, xxxvi, 680.
- Hæmatoma**, intracranial, trephining in, vi, 251.
- Hemorrhage**, v, 76.
- Meninges**, cervical, intradural tumor of, removal of, xxxix, 943; of the brain, and tuberculosis, surgical intervention, xliii, 161.
- Meningitis**, after middle otitis, ix, 137; cerebrospinal, xv, 47 following enucleation of eyeball, xv, 475; operative treatment of purulent, xlii, 938; traumatic, iv, 430.
- Meningocele**, congenital occipital, xv, 79; dorsal, xlvi, 140; spurious, xxxvii, 449.
- Menorrhagia**, uterine appendages, removal of, for, iii, 102.

- Menstruation**, hemorrhage, fatal, into abdominal cavity during, iv, 456.
- Mental effect of laparotomy** in curing disease, v, 233.
- Mercuric bichloride** (see Sublimate) as an antiseptic, pathological action of, v, 137.
- Mercury** (see Calomel), elimination of, by the urine, vi, 282; subcutaneous injections of, for syphilis, v, 174; of mild chloride of, in syphilis, vi, 282.
- MERIWETHER, F. T.**: Simultaneous ligation of common carotid and subclavian for aneurism of ascending aorta, ix, 326; subclavian aneurism, xiv, 223.
- Mesenteric artery**, embolism of, xliii, 629.
- Arteries, rupture of, by fall on buttocks, xxxv, 342; thrombosis of, xxxviii, 110, xli, 302, 310.
- Cysts, xxvi, 1, xxxii, 515; congenital, xlix, 618, 734.
- Glands, lesions in, caused by eggs and embryos of *Bilharzia hæmatobia*, iv, 350.
- Hole, strangulated internal hernia through a, xxx, 505.
- Occlusion, xxxix, 554.
- Slit, volvulus and hernia through, combined, xlii, 207.
- Tumor, causing ileus, xvii, 63.
- Veins, thrombosis of, as a cause of death after splenectomy, xxi, 24.
- Vessels, gangrene, occlusion of, with operative relief of, xxi, 9.
- Mesentery**, chyle cysts of, vii, 395, xlviii, 565; chylous cysts of, xxiii, 605, xliii, 380; cysts of, xxvi, 527.
- Dislocation of the, and its relation to intestinal obstruction, I, 229.
- Enterostenosis, from cirrhotic, xvi, 571.
- Gunshot wound of, iv, 468.
- Gut, behavior of, after separation from, vi, 72.
- Intestinal attachment, extent of possible safe removal from, x, 460.
- Intestine, small, of the, cyst of, xlv, 757; study in the surgical anatomy of, xlii, 543.
- Laparotomy and drainage for cysts of, viii, 218; for gunshot wound of small intestine and, iii, 89.
- Lymphatic cyst of, xxiii, 330.
- Sarcoma of, xxxv, 790, 835, xlv, 242.
- Serous cyst of, xvii, 96.
- Technic of tying off, in doing a resection of intestine, xlix, 591.
- Tumors of, xlv, 892; solid, xxvi, 66, xliii, 366; treatment of, xxx, 757.
- Volvulus of, xxxix, 1036.
- Mesocolic band**, gastro-enterostomy, relation of, to, xlvii, 1.
- Hernia, xlii, 487, 687.
- Mesocolon**, hydatid cyst of, ix, 229; wound of, vi, 324.
- Mesosigmoiditis**, and its relations to the recurrent volvulus of sigmoid flexure, xl, 523.
- Metabolism and Practical Medicine**, by Carl von Noorden (review of), xlviii, 954.
- Metacarpal bones**, Bennet's fracture of, xliii, 803; fractures of, xliii, 288.
- Metacarpal fracture** and subluxation, xl, 283.
- Metacarpophalangeal joint** of great toe, stiffness and tenderness of, vi, 218.
- Metacarpus**, dislocation of fingers upon, backward, iv, 549, ix, 280.
- Metal support**, fractured long bone, for direct application to the shaft of a, external, xliii, 271.
- Metatarsal bone**, fracture of the fifth, xlv, 475; by indirect violence, xxxv, 697; of the proximal end of the fifth, xlvii, 824.
- Metatarsal bones**, dislocation of, xlv, 294.
- Metatarsalgia**, xvii, 680, 718, xxviii, 297; operation for, result of, xli, 776.
- Metatarsophalangeal joint**, dislocation of, xlv, 630.
- Methodist Episcopal Hospital reports** (review of), xxviii, 551.



**Metritis**, xxvii, 143.

**Metrorrhagia**, extirpation of ovaries for, xi, 79.

**MEYER, WILLY**: Abdominal section for pericolic peritoneal adhesions, xlv, 624, 626; actinomycosis of cæcum, xxx, 91; amputation of penis, xx, 179; appendicostomy for chronic colitis, xxxviii, 781; for colitis, xxxix, 268; arterio-venous aneurysm, xlv, 151; artificial nose, xxvii, 773; autoplasty with umbilical hernia, xxxviii, 302; black vomit with appendicitis, xxxviii, 108; border line tumors of the breast, xlix, 558; Bottini's operation for prostatic hypertrophy, xxxvi, 274, xxxvii, 622; bullet removed from cranial cavity, xlvii, 818; carcinoma of the male breast, xlii, 460, xlvii, 445; carcinoma of temporal region, xxxiii, 194; carcinomatous stricture of pylorus, xxv, 369; case of gastro-enterostomy and pylorotomy, xxvi, 117; of resection of small intestine for gangrene, xxvii, 650; catheterization of ureters, xxx, 644; cholecystectomy, xl, 130; cholecystitis, xxxvi, 143; cholecystotomy, xxxiii, 193, xxxix, 271; choledochotomy for chronic cholangitis, xl, 412; cicatricial stricture of œsophagus, xxxviii, 104; treated by string method, xlii, 603; coccygeal cysts, xx, 173; complications after operations for pyloric stenosis, xlvii, 1050; complete thyroidectomy, xlvii, 816; congenital deformity of hands and feet, xlvii, 807; pyloric stenosis, xliii, 142; cranial heteroplasty with celluloid, xxii, 508; craniotomy for tumor of acoustic nerve, xlviii, 309, 313; craniotomy for tumor of the brain, l, 640; cystoscope in diagnosis of tuberculosis of genito-urinary tract, xxxiii, 487; diagnosis of carcinoma

of the bladder, xxvi, 358; diagnosis of kidney tuberculosis, xxxv, 418; of stone in kidney, xlvii, 1057; of tuberculosis of the bladder, xxii, 512; double castration for tuberculosis, xlvii, 292; empyema, l, 641; of gall-bladder, xix, 245; encysted vesical calculus, xx, 175; end-to-end anastomosis of ileum by Murphy's button, xxi, 73; entero-enterostomy with elastic ligature supplementary to gastro-enterostomy, xxxv, 406; excision of cortical tissues for traumatic epilepsy, xxv, 91; of Gasserian ganglion, xxiii, 61; of rectum for carcinoma, xl, 411, xlii, 606, xlvii, 283, 811; excision of recurrent carcinoma of breast involving costal cartilages, xxxvii, 777; exophthalmic goitre, xxi, 67; exostosis bursata of femur, xl, 413; experience in the effect of the simultaneous ligation of both internal iliac arteries for hypertrophy of the prostate gland, xxiii, 705; exploratory thoracotomy, under positive pressure, for œsophageal cancer, l, 642; exposure of lungs under differential pressure, xlix, 556; extirpation of motor centre of arm for Jacksonian epilepsy, xxvi, 228; of tuberculous retroperitoneal glands, xxxvi, 273; fatal hemorrhage following removal of clamps after nephrectomy, xxxi, 359; fracture of the neck of femur treated by nailing the fragments together, xxix, 623; of the vertex and base of the skull, xxix, 351; gangrene of toes after ligation of common iliac, xxviii, 129; gastrectomy for carcinoma of posterior wall of stomach, xxxix, 997; gastroduodenostomy for benign obstruction of pylorus, xxxix, 995; gastro-enterostomy with elastic ligature, xxxix, 590, 593, 594; gastro-intestinal anastomosis of ulcer of stomach, xxv, 368; gas-

trostomy, **xxvi**, 244; by Kader's method, **xxv**, 88; by Marwedel's method, **xxvii**, 650; for carcinoma of cesophagus, **xvii**, 592, **xxxi**, 257; Gigli's wire saw, **xxvii**, 658; habitual dislocation of shoulder, **xlvi**, 811; hallux valgus, **xxv**, 478; hemorrhage during excision of Gasserian ganglion, **xxxvi**, 958; heteroplasty with celluloid, trephining for traumatic epilepsy, **xxi**, 316; ideal cholecystotomy, **xxiii**, 179; ileocolostomy by Murphy's button, **xxi**, 69; implantation of silver filagree for the closure of large hernial apertures, **xxxvi**, 767; incomplete intestinal obstruction—caecostomy under cocaine, **xl**, 623, 624; intestinal obstruction, **xxxviii**, 102; after appendicitis operation, **xxxix**, 585; following appendicitis, **xxxiv**, 709; intracranial neurectomy for trifacial neuralgia, **xxxv**, 404; intussusception, **xxxi**, 251; intussusception due to intestinal tumors, **xxviii**, 261; from traction of sarcoma of intestine, **xxiii**, 443; laminectomy after spinal fracture, **xxi**, 50; large lumbar hernia treated by silver filagree, **xlvi**, 304; later conditions after Witzel's method of gastrostomy, **xix**, 238 ligation of external iliac artery for femoral aneurism, **xxxi**, 256; lipoma arborescens of extensor tendon sheaths of forearm, **xxv**, 623; of thigh simulating sarcoma, **xxvi**, 230; malpositions of appendix, **xl**, 472; Matas's operation for popliteal aneurism, **xl**, 123; method of radical cure of umbilical and ventral hernia, **xl**, 761; Murphy button in gastro-enterostomy, **xxvi**, 125; nephrectomy during spinal cocainization, **xxxiv**, 434; for hydronephrosis, **xvii**, 67; for relief of sudden total suppression of urine occurring some time after nephrectomy, **xv**, 286;

for tuberculosis, **xxix**, 755; **xlvi**, 454; new urinal for continuous drainage after suprapubic cystotomy, **xx**, 371; cesophageal tube for use during narcosis, **xl**, 928; cesophagogastrostomy after intrathoracic resection of the cesophagus, **l**, 175; operation for deformity after Pott's fracture of leg, **xxxi**, 733; for traumatic paraplegia, **xx**, 185; for ventral hernia, **xxxi**, 746; operative technic for carcinoma of the breast, **xxv**, 478; operative treatment of carcinoma of the breast, **xl**, 159; operative treatment of club-foot, **xix**, 367; operative treatment of intractable vomiting, not due to pyloric obstruction—neurosis of the stomach, **xlvi**, 730, 817; osteoplastic gastrotomy for stricture of cesophagus, **xxxix**, 1000; resection of the skull for intracranial hemorrhage, **xlvi**, 621; papilloma of bladder, **xxxiii**, 201; combined with stone, **xx**, 174; of colon, **xxxix**, 269; partial gastrectomy for carcinoma, **xl**, 129; perforating duodenal ulcer, **xlvi**, 463; pericardiotomy for tuberculous effusion, **xl**, 261; place of Murphy button in gastro-enterostomy, **xxvi**, 31; posterior gastro-enterostomy, **xxvii**, 769; **xxix**, 752, **xxx**, 648; with Murphy's button, **xxviii**, 246; positive differential chamber for intrathoracic surgery, **l**, 647; proctotomy for papilloma of the rectum, **xxvii**, 88; prolapse of the caecum after appendicostomy, **xlvi**, 808; prosthesis for relief of deformity following removal of carcinoma of face, **xix**, 246; prostatectomy, **xxxi**, 740, **xxxiii**, 477; by the perineal route, **xxxv**, 410, **xxvii**, 621; pyloric obstruction, **xl**, 758; rare complications after operations for appendicitis, **xxxiii**, 605; re-amputation of lower end of leg

for exostosis in a previous Bier amputation, **xlvi**, 624; remarks on vasectomy, **xxvii**, 767; removal of bullet from femur, **xxxi**, 745; of tongue for carcinoma, **xxix**, 360; of cervical lymphomata, **xxix**, 355; resection of epididymis and orchidotomy for tuberculosis, **xxx**, 649; of intestine followed by end-to-end anastomosis, **xl**, 149; of the internal jugular vein for sinus phlebitis, **xxxiv**, 571; of the liver, **xxix**, 364; of the rectum for carcinoma after osteoplastic resection of sarcoma and coccyx, **xix**, 675; of rectum for syphilitic stricture, with end-to-end anastomosis, **xl**, 147; of shoulder and elbow for tuberculosis, **xl**, 150; of shoulder and elbow on same extremity, **xxx**, 92; of stomach for carcinoma, **xxxix**, 999, **xli**, 455, **xl**, 122; for malignant pyloric stricture, **xl**, 551; of tuberculous elbow, **xl**, 455; of vesical end of ureter for tumor of bladder, **xx**, 78; result of Bier's treatment of tuberculosis of the tarsus, **l**, 639; result obtained from use of aniline products in treatment of carcinoma, **xviii**, 522; result one year after operation for sarcoma of acoustic nerve, **xl**, 552; Roberts's operation for prolapse of rectum, **xxvii**, 89; simultaneous ligation of both lateral iliac arteries for hypertrophy of prostate gland, **xx**, 44, 173, 174; skiagraph of bullets in brain, **xxv**, 478; splenectomy for rupture of spleen, **xl**, 443; for sarcoma, **xl**, 759; for splenic anæmia, **xl**, 258; starving malignant growths by excision of both external carotids, **xxxii**, 296; stenosis of aperture of cholecystenterostomy, **xxi**, 486; stricture of œsophagus, **xl**, 260; suppurative tenosynovitis of flexors of hand and wrist,

**xl**, 618; suprapubic cystotomy and nephrectomy for genito-urinary tuberculosis, **xxviii**, 248, 250; technic of nephrectomy, **xxvii**, 369; of renal tuberculosis, **xxvii**, 86; of resection of rectum, **xxi**, 57; tetanus after an appendectomy, **xl**, 458; thoracoplasty, **xxxi**, 621; thoracoplasty for bronchial fistula, **xxxi**, 256; total necrosis of lower jaw, **xxv**, 628; transperitoneal compression of common iliac artery during hip-joint amputation, **xxviii**, 131; transthoracic resection of the lower end of œsophagus, **xli**, 667; treatment of cirroid aneurism of temple and scalp, **xxxiv**, 415; of elbow fractures, **xix**, 238; of empyema of antrum, **xxxvi**, 443; of gangrenous hernia, **xxiii**, 447; hypertrophied prostate, **xxiii**, 743; of prolapse of rectum, **xxvi**, 248; of prostatic hypertrophy associated with stone in the bladder, **xxxvi**, 17; of ruptures of quadriceps extensor tendon, **xxii**, 508; of injuries of spinal cord, **xxx**, 334; of tetanus by injection of antitoxin, **xxxi**, 367; of tubercular cystitis, **xxiii**, 334; of ureter after nephrectomy for tuberculosis, **xxxvii**, 600; Trendelenburg's operation for pulmonary embolism, **xl**, 264; trephining for intracerebral cyst, **xxvii**, 770; tubercular tenosynovitis, **xxxvi**, 137; tuberculosis of retroperitoneal glands, **xxxvii**, 620; of the tibiotarsal joint, **xl**, 810; of the testis, **xxxiv**, 574; of the wrist treated by Bier's method, **xxxviii**, 106; tumor of bladder removed under spinal anæsthesia, **xxxiv**, 575; of the shoulder, **xxx**, 651; ulnar paresis from shot wound of arm, **xxv**, 477; unilateral laryngectomy, **xxxiii**, 635; ureteroplasty for intermittent hydronephrosis, **l**, 639; use of appendix to flush colon, **xxxvii**, 615;

- of celluloid plates to close trephine opening, **xxv**, 632; of gloves in operative surgery, **xxviii**, 134; value of enterostomy and of conservative methods in the surgical treatment of acute intestinal obstruction, **xlvi**, 801; of cautery in advanced carcinoma of parotid, **xi**, 258; of cocaineization of the nares, preliminary to general anaesthesia, **xxiii**, 63; ventral hernia, **xxxiv**, 572; closed by silver filagree, **xxxviii**, 302; wiring of fractured patella, **xxxiii**, 194; X-ray treatment of malignant tumors, **xxxvii**, 434.
- MICHAEL**, J. E.: Perineal urethotomy, **vi**, 8.
- Mickulicz's operation** for partial exsection of tarsus, **ii**, 412.
- Microbes** (see Bacteria, Bacteriology, Micro-organisms).
- Microbic origin** of surgical disease, **xiv**, 225.
- Microcephalic idiocy**, Lannelongue's treatment for, **xxxii**, 731.
- Microcephalus**, craniectomy for, **xviii**, 70, **xix**, 502, **xx**, 596.
- Micrococcus neoformans**, relations of carcinoma to, **xxxvi**, 470.
- Micro-organisms** (see Bacteria, Bacteriology), **vi**, 445, 446, 447; and healthy tissues, **iii**, 511; in air of hospital wards, **vi**, 498; suppuration, and, **iii**, 507; wounds, in operative, under antiseptic dressing, **v**, 532.
- Review of Book: *Psychic Life of Micro-organisms*, by Binet, **x**, 239.
- MIDDLETON**, H. C.: Simple and compound interphalangeal dislocations of the fingers, **vii**, 39.
- Midwifery** (reviews of books on), Manual of, by Fothergill, **xxv**, 224; Operative Midwifery, by Kerr, **i**, 950; Practical Midwifery, by Reynolds, **xv**, 506.
- Miescher's corpuscles** in actinomycosis, **xi**, 96.
- MIKAILOFF**: Gummata of elbow and knee-joint, **xv**, 504.
- Mikroorganismen der Mundhole**, by W. D. Miller (review of), **xvii**, 116.
- MIKULICZ**, PROFESSOR VON: Gastric and duodenal surgery, **xxxix**, 302; surgery of pancreas, **xxxviii**, 1.
- MILES**, A. B.: Report of thirteen cases of gunshot wounds of the intestines, **xviii**, 623.
- Military arms**, small-calibre bullets as used in, effects of, **xxv**, 36.
- Medical assistance in action**, **ix**, 78.
- Reviews of Books: *Lectures upon Military Surgery*, by Lücke, **xxvi**, 655; *Military Surgical Dressings*, by Langenbuch, **vi**, 286; *Military Surgery—Outlines of Technic of Operations and Dressings*, by Fischer, **xlii**, 963; *Military Surgery*, by Delorme, **viii**, 73; by Esmarch, **iv**, 284, 291; by Marvaud, **xix**, 380; by Mosetig-Moorhof, **vii**, 237; *Pocketbook of Military Surgery*, by Porter, **viii**, 74; *Proceedings of Surgeon's Military Association*, **xxi**, 248; for 1897, **xxvii**, 805; *The Volunteer Military Surgeon*, **xlix**, 847; *Wounds from Modern Military Firearms*, by Graf-Hildebrandt, **xlvi**, 318.
- MILLARD**, P. H.: Clinical and medico-legal observations in certain forms of spinal injury, **xviii**, 546.
- MILLER**, ALBERT H.: Nitrous oxide and ether anaesthesia, **xxx**, 709.
- MILLER**, J. MILTON: Intestinal perforation in typhoid fever, **xxxviii**, 129.
- MILLER**, J. S.: Trocar for paracentesis abdominis, **iv**, 387.
- MILLER**, M. B.: *Bacillus aerogenes capsulatus*, infection by, **xxxiii**, 770.
- MILLER**, MORRIS BOOTH: Bone metastases in carcinoma of the breast, **xlvi**, 323; caries sicca, **xlvi**, 151; removal of the lingual and mandibular

- nerves by the twisting method of Thiersch, **xlvi**, 638; rupture of the kidney, **xl**, 306, 309; perforated gastric ulcer, **xlix**, 729.
- MILLER, W. J.: Treatment of diffuse osteomyelitis of the femur by demedullization, **xxiii**, 427.
- MILLIKEN, S. E.: Treatment of hydrocele by carbolic acid injection, **xiv**, 292.
- Milton's method of exposing the anterior mediastinum, **xxxiv**, 472.
- Mistakes in surgical practice, **ix**, 79.
- MITCHELL, CHARLES F.: Gall-stone in cystic duct, **xl**, 157; hemorrhage from the bowel following appendectomy, **xlvi**, 626; perforated gastric ulcer, **xlii**, 129; perforation of the bowel in typhoid fever, **xl**, 470, 479.
- MITCHELL, JAMES F.: Extraperitoneal rupture of the bladder, complicated by fracture of the pelvis, **xxvii**, 151.
- MITCHELL, LOUIS J.: Strangulated internal hernia through a mesenteric hole, **xxx**, 505.
- Mixed gonorrhoeal infection, **ix**, 68.
- MIXTER, SAMUEL J.: Cases of laceration of the spleen and of the kidney, followed by recovery after the removal of the injured organ, **xxxiii**, 713; of gall-bladder and gall-duct operations, **xxxv**, 27; spinal-cord injuries in operation, **xxxix**, 495.
- Mobilization and massage, fractures, in the treatment of, **xi**, 358.
- Modelling, clay-, in recording surgical cases, **vi**, 249.
- Modern medicine and surgery in the Orient, **xlvi**, 1042.
- Modern Surgery, by Da Costa (review of), **xxxix**, 148; Roberts's manual of (review of), **xxxi**, 521.
- MOHLER: Foreign body in vagina, **xv**, 500.
- Mollities ossium, hypertrophy of skull in, **viii**, 302.
- Mollusum fibrosum, **xxx**, 343.
- MONKS, GEORGE H.: Aseptic surgical technic, **xi**, 464; carcinoma of the appendix vermiformis, **xlvi**, 563; case of unilateral laryngectomy for carcinoma, with non-recurrence after three years, **xxii**, 785; **xviii**, 18; experiments in flushing the intestinal canal with salt solution through multiple enterotomy openings, **xlvi**, 953, 1062; intestinal localization, **xxxviii**, 574; studies in the surgical anatomy of the small intestines and its mesentery, **xlii**, 543.
- MONTGOMERY, C. N.: Luxatio erecta at shoulder, **xli**, 475.
- MONTGOMERY, DOUGLASS W.: Epithelioma of the skin of the face, with unusual course of infection of lymph-nodes, **xxvii**, 193.
- MONTGOMERY, FRANK HUGH: Systemic blastomycosis, **xlii**, 781.
- MOORE, JAMES E.: Complications and sequelæ of prostatectomy, **xxxix**, 385; hysteria from a surgical stand-point, **xxviii**, 177; operative treatment of fractures, **xxxiii**, 206; prevention and treatment of the sequels of perineal prostatectomy, **i**, 356; reasons for preferring the perineal to the suprapubic route in prostatic surgery, **xxxvi**, 431; remote effects of excision of fibula, **xxiv**, 634; treatment of dislocation of the clavicle through open wound, **xxxv**, 578; treatment of perforative peritonitis, **xlvi**, 1048.
- Morbid growths, early diagnosis of, **x**, 387.
- Morcellement in hysterectomy, **xix**, 75.
- MORF, PAUL F.: Hernia of the Fallopian tube without hernia of the ovary, **xxxiii**, 247.
- MORGAN, W. E.: Exposure of ureter, **xxxvi**, 464; fractures of spine, **xxxviii**, 312; inspiration of fecal vomitus in operations for ileus, **xxxiii**, 499;



observations on gall-stone cases, **xxxv**, 664; rupture of spleen, **xxxvi**, 464; traumatic aneurismal varix of the skull following a fracture of the base, **xxxiii**, 339; treatment of actinomycosis, **xxxvii**, 466; of fractures of patella, **xxxix**, 140; valve formation in the lower portion of ureter, **xxxvi**, 528.

**MORISON, RUTHERFORD**: Ascites due to liver cirrhosis treated by operation, **xxxviii**, 361; clamp for the fixation of ununited fractures, **i**, 1114; gall-stones, **xxii**, 181.

**Morphine**, danger of administering before anæsthesia, **vi**, 214; danger of hypodermic injections of, in strangulated hernia, **v**, 373.

**MORRIS, H.**: Surgical Treatment of affections of the kidney, **v**, 289.

**MORRIS, ROBERT T.**: Cargile membrane, **xlii**, 159; case of fusiform aneurism treated by Matas's method, **xxxviii**, 493; cases of amputation through leg in an octogenarian, and of exploratory trephining of cervical vertebræ, **iii**, 490; coccygeal dermoid fistula, **xxxi**, 340; infectious appendicitis, **xviii**, 365; ligation of the abdominal aorta for aneurism, **xxxv**, 207; partial resection of the upper and lower maxilla for congenital deformity of the face, **xlvi**, 278; resource after failure of hernia operations, **x**, 343; results of antiseptic methods in treatment of wounds, **iv**, 480; the serous coat of blood vessels compared with the peritoneum, **xlvi**, 18.

**Morrison's operation** for ascites, **xxxvi**, 191, 272, 962.

**MORTON, C. A.**: Case of gastrostomy for foreign body in œsophagus, **xxiii**, 415.

**MORTON, THOMAS G.**: Apparatus for relief of flat-foot, **xix**, 691; calculus impacted in urethra, causing gangrene and rupture, **xxi**, 712;

cases of litholapaxy, **xix**, 691; compound fracture of humerus, **xxvii**, 783; device for support of flat foot, **xxix**, 635; Charcot's disease of the knee, **xxv**, 489; compound dislocation of ankle-joint, **xxix**, 634; drainage in empyema, **xxii**, 119, 121; echinococci in cysts of hernial sac, **xxii**, 123; fracture of cervical vertebra, **xxix**, 636; ligation of common carotid artery for orbital aneurism, **xxii**, 389; metatarsalgia (painful affections of the foot), **xvii**, 718; multiple fractures, **xvii**, 717; non-recurrence of carcinoma of breast during eighteen years, **xx**, 94; pistolshot wound of optic nerve, **xix**, 692; removal of astragalus for inveterate club-foot, **xxiii**, 479; suppurating treatment of thyroid tumor, **xxix**, 632; traumatic aneurism of both external iliac arteries, **xxii**, 389; the treatment of intracapsular fracture of femur, **xxiv**, 27, 64; trifacial neuralgia, **xvii**, 714; use of iodoform, **xxvii**, 677.

**MORTON, THOMAS S. K.**: Abdominal section for gunshot wound of stomach, **xxviii**, 146; ambulatory treatment of fractures of leg, **xxiii**, 474; ankylosis of jaw from gunshot wound, **xxiii**, 480; antiseptic uses of formalin, **xxiv**, 229; appendicitis obliterans, **xxiv**, 380; case of abdominal section for gunshot wound, **xxi**, 82; of dislocation of humerus with fracture of its neck, **xxiii**, 756; of tetanus treated by antitoxine, **xxvii**, 232; castration for prostatic enlargement, **xxiii**, 486; conditions justifying removal of testicle in radical operation for inguinal hernia, **xix**, 697; congenital absence of anus, **xxvii**, 781; dangers of the Murphy button in gastro-enterostomy, **xxiii**, 476; dermoid cyst of orbit, **xxv**, 487; diag-

- nosis and treatment of osteomyelitis, **xxiv**, 235; effects of exploratory section on malignant disease of stomach, **xxv**, 754; excision of enormous carcinoma of breast, **xxiv**, 382; excision of fibula in a subject of interstitial nephritis, **xxiv**, 379; of intestine for strangulated femoral hernia, **xxxiv**, 318; of lower jaw for sarcoma, **xxiii**, 491; iliac and femoral aneurism, **xxii**, 802; laparotomy for gunshot wounds of intestine, **xxiii**, 205; large angioma excised by a novel method, **xxiv**, 377; loose cartilages removed from both knee-joints, **xxiii**, 201; metatarsalgia, **xvii**, 680; necrosis of hyoid bone, **xxiv**, 234; nerve suture and regeneration, **xxiii**, 757; operative treatment of aggravated equinovarus, **xxiii**, 478; of hypertrophied prostate, **xxiv**, 224; oxygen and ether mixed for general anæsthesia, **xxviii**, 272; pancreatic cyst, **xxix**, 760; radical operation for congenital hydrocele in an adult, **xx**, 93; surgical aspects of gouty deposits, **xxv**, 635; treatment of movable kidney, **xxix**, 762; of saddle-back nose, **xxiv**, 232; of tuberculous abscess, **xxii**, 122; tumor within the sheath of the sciatic nerve, **xix**, 255; use of iodoform, **xxvii**, 781; use of plaster-of-Paris dressings for compound fractures of the lower extremity, **xxiii**, 460; water after abdominal sections, **xxi**, 186.
- Morton's disease**, **xxviii**, 297.
- Morton's metatarsalgia**, operation for, result of, **xli**, 776.
- MOSCHCOWITZ, ALEXIS V.**: A new osteoplastic amputation at the ankle-joint, **xxxix**, 790; a study of tetanus, with critical summary of the results of serum therapy, **xxxii**, 219, 416, 575; dry iodine catgut, **xlii**, 321; primary carcinoma of the appendix, **xxxvii**, 891; simultaneous ligation of both external iliac arteries for secondary hemorrhage following bilateral ureterolithotomy, **xlvi**, 872.
- MOSELEY, HENRY PERKINS**: Frontal and ethmoid sinus empyema, **xliii**, 321; os trigonum detected by Röntgen rays, **xxxvii**, 766.
- MOSHER, ELIZA M.**: The biceps cruris muscle as it relates to disease in and about the knee-joint, **xiv**, 356.
- MOSHER, HARRIS P.**: Measurements for operating distances in nose, **xxxvi**, 554.
- Motion**, use and abuse of passive, **v**, 305.
- Motorboat fractures**, **xlvi**, 131.
- MOULIN, C. M.**: The germ theory of syphilis from a clinical point of view, **xiii**, 417.
- Mount Sinai Hospital Reports.** Reviews of: vol. **i**, **xxx**, 391; vol. **iii**, **xxxix**, 830.
- Mouth** (see also Palate), carcinoma of floor of, operative treatment of, **xxii**, 445; of inner side of cheek, involving floor of, **xlvi**, 313; operations on, plastic, **xi**, 258; Trendelenburg's posture during operations on the, advantages of, **xxvi**, 96; tuberculosis of, **vii**, 453.
- Face operations**, and, tubage of pharynx in, **xxxvii**, 859.
- Pharynx**, and, cocaine in the surgery of, **iii**, 64.
- Tongue**, and, carcinoma of, **xlvi**, 481; epithelioma of, **xxxi**, 243.
- Reviews of Books**: Carcinoma of the Mouth, by Jesset, **v**, 96; Injuries and Diseases of Fauces, etc., by Heath, **i**, 390; Micro-organisms of the Mouth, by Miller, **x**, 314, **xvii**, 116.
- Movements of stomach and intestines** in some surgical conditions, **xliii**, 512.
- MOYNIHAN, BERKELEY G. A.**: Case of subclavian aneurism treated by excision of the sac—remarks on the ligation of the innominate artery, **xxviii**,

- 1; disease of the gall-bladder requiring cholecystectomy, 1, 1265; extroversion of bladder, **xliii**, 237; gastric and duodenal surgery, **xxxix**, 1; late results after operations for benign diseases of the stomach and duodenum, **xlvi**, 873, 1051; mesenteric cysts, **xxvi**, 1; one hundred cases of gastro-enterostomy for simple ulcer of the stomach and duodenum, **xxxix**, 690; points in suprapubic prostatectomy, **xl**, 159; report of twelve cases, **xxxix**, 1; subacute perforation of stomach and duodenum, **xlvi**, 223; the direction of the jejunum in the operation of gastro-enterostomy, **xlvi**, 481; treatment of perforative peritonitis, **xlvi**, 1049.
- Mucous cyst**, dorsum of tongue, of, **ix**, 455.
- Membrane, formation of carcinoma out of chronic inflammatory conditions of, **ii**, 429; transplantation, **ix**, 73, **xiii**, 127.
- MULLER, G. P.**: Removal of the lingual and mandibular nerves by the twisting method of Thiersch, **xlvi**, 639; surgical aspects of chronic hypertrophic arthritis, 1, 630.
- Muller operation** for flat foot, **xliii**, 765.
- MUMFORD, JAMES G.**: An anomaly of the duodenum resulting in death after gastro-enterostomy, **xliii**, 88; psychical end-results following major surgical operations, **xlvi**, 853; studies in cancer—historical and critical, **xlvi**, 1.
- Mumps**, secondary infection in, **xiv**, 504.
- MUNDELL, DAVID E.**: Note on the operative relief of ectopia vesicæ, **xxx**, 715; relation of the os magnum to tuberculosis of the wrist-joint, **xxxii**, 278.
- MUNRO, JOHN C.**: End results in benign lesions of the stomach, surgically treated, **xlvi**, 818; excisions of liver tissue, **xlii**, 633; ligation of ductus arteriosus, **xlvi**, 335; lymphatic and hepatic infections secondary to appendicitis, **xlii**, 627, 631, 692; pus dilatation of one member of a double ureter, **xxxv**, 607; results of operations for gastric ulcer, **xlvi**, 1051; surgery of the vascular system, **xlvi**, 483.
- MURDOCH, J. B.**: Contributions to the study of amputations at the hip-joint, **xvii**, 1; to the surgery of the brain, **xi**, 81.
- Murphy button**, death caused by, in anastomosis for relief of gangrenous strangulated hernia, **xxii**, 515; death from leakage around, **xxxiv**, 304; for cholecystenterostomy, **xix**, 733; gastro-enterostomy by, **xxi**, 69; gastro-enterostomy and the, **xxvi**, 124; in place of the, **xxvi**, 31, 119; use of in, **xxvii**, 769; ileo-colostomy, used in, case of, **xviii**, 327; in cholecystenterostomy, **xxi**, 485; in cholecystenterostomy—fatal hemorrhage, **xxi**, 581; in gastro-enterostomy, **xxii**, 794, **xxv**, 100, **xxviii**, 246, 251; posterior, **xxix**, 484; in recto-rectal anastomosis, **xix**, 736; intestinal anastomosis by, **xxi**, 67, 71, 72, 73; recent cases of, by, table of, **xxi**, 41; relative value of, and absorbable plates in, **xxi**, 166; results of use of, at Heidelberg, **xxv**, 654; retained in a Meckel's diverticulum for three years after a gastro-enterostomy, **xlvi**, 134; retention of, **xxxiv**, 304; used to make an ileo-colostomy, **xvii**, 652.
- MURPHY, FRED. T.**: Movements of the stomach and intestines in some surgical conditions, **xliii**, 512.
- MURPHY, JOHN B.**: Actinomycosis, **xl**, 627; adynamic and dynamic ileus, **xlvi**, 141; case of cervical rib with symptoms resembling subclavian aneurism, **xli**, 399; fractures of the

spine, **xxxviii**, 313; gall-stones, **xxxv**, 669; lymphatic and hepatic infections secondary to appendicitis, **xlii**, 627; results obtainable by operative measures in affections of the stomach, **xxxviii**, 789; specimen of extra-uterine gestation removed after thirteen years, **xxxix**, 464; the opening of the female bladder for intravesical manipulations, **xxxix**, 822; treatment of perforative peritonitis, **xlvi**, 870, 1045, 1050.

**MURRAY, FRANK W.**: Abscess of the lung, **xlvi**, 470; acute suppurative pancreatitis, **xxxvi**, 494; carcinoma of breast removed with non-recurrence during nine years, **xx**, 180; of the male breast, **xxxi**, 741, **xxxviii**, 655; case of acromegaly, **xvii**, 700; case of pistol-shot wound of the axillary artery, **i**, 448; case of pro-peritoneal hernia, **xxi**, 594; compound inter-condyloid fracture of humerus, **xix**, 363; diagnosis of abdominal tumors, **xvii**, 337; of calculi in kidneys and ureter, **xlvi**, 720; dislocation of humerus with fracture at surgical neck, **xix**, 496; gastrostomy for carcinoma of the œsophagus, **xxi**, 177; for œsophageal stricture, **xxxix**, 295; hip-joint amputation for sarcoma of femur, **xxi**, 173; infection of omental stump after operations for hernia, **xvii**, 321; intestinal obstruction due to carcinoma, colostomy and subsequent resection, **xxix**, 487; late result of removal of tongue for sarcoma, **xxii**, 271; metallic cap of lead-pencil coughed up from bronchus, **xxii**, 519; musculospiral paralysis complicating fracture of the humerus, **xvi**, 352; operative treatment of acute abscess of the lung, **xlvi**, 472; orbital fracture involving frontal sinuses, **xxxi**, 623; popliteal aneurism treated by Matas's reconstructive method, **i**, 489;

posterior gastro-enterostomy for benign stricture of the pylorus, **xxix**, 484; radical cure of varicocele, **xxii**, 99, 273; regeneration of clavicle after removal, **xxiv**, 49; resection of lower jaw for sarcoma, **xxxiii**, 330; results after removal of carcinoma of rectum, **xxix**, 356; sarcoma of the humerus, **xlvi**, 467; splenectomy for pistol-shot wound, **xlvi**, 712; stricture of œsophagus successfully divided with a string after gastrotomy, **xx**, 733; subcutaneous rupture of popliteal artery and vein, **xlvi**, 144; the surgical treatment of amoebic dysentery, **xxxiii**, 574; treatment of chronic ovaritis, **xxviii**, 254; of pulsating exophthalmos, **xxxix**, 421, 435; thyroid medication for delayed union of fractures, **xxxi**, 695, 742, thoracoplasty for empyema, **xxiii**, 602; tracheotomy as preliminary to operations upon the upper air-passages, **xxv**, 600; traumatic intracranial hemorrhage, **xlvi**, 374; tubercular cystitis treated by permanent suprapubic drainage, **xxxiii**, 31; tuberculosis of kidney and bladder, **xxvii**, 369.

**MURRAY R. W.**: Idiopathic dilatation of the colon, **xxxviii**, 736.

**Muscle** (see *Myositis*), biceps, long head, rupture of, **v**, 268; flap formation, by elongation of a, **iii**, 337; hernia of, **ix**, 258; pseudo-hypertrophy of, **ix**, 359; syphiloma, **xi**, 65; of external, **ix**, 157; of thigh, subcutaneous rupture of, **xxxvi**, 450.

Reviews of Books: *Die Subkutanen Verletzungen der Muskeln*, by Dr. Knaak, **xxxiii**, 107; *Specielle Muskelphysiologie*, du Bois-Reymond's treatise on, **xxxviii**, 316.

**Muscular action**, fracture of the coracoid process of the scapula caused by, **xlvi**, 427.

- Atrophy, contractures and paralysis, **xliii**, 599, 640; peroneal type of progressive, **vii**, 293.
- Musculo-spiral nerve**, suture of, **xxii**, 261, 262; injury complicating fractures of the humerus, **xxxi**, 129, 242, 754.
- Paralysis due to dislocations of the head of the radius (radial), **xlvi**, 275; after injury, **xxv**, 624; complicating fracture of the humerus, **xvi**, 352.
- MUSSER, J. H.**: Pathology of appendicitis, **xxiii**, 621; value of Cammidge reaction in diagnosis of pancreatic disease, **xliv**, 293.
- MUTSCHLER, LOUIS H.**: Treatment of anthrax, **xxxiv**, 711; two cases of facial anthrax, **xxxiv**, 555.
- Mutter lectures** on surgical pathology, by Dr. R. Park, **xiii**, 161, 284, 378, 445, **xiv**, 50, 125, 225, 296, 374, 475, **xv**, 40.
- Myelitis**, femur, acute infections of the upper end of, **xv**, 490.
- Myelogenous sarcomata** of long bones, resection for, **xviii**, 247.
- MYER, MAX W.**: Malignant type of pseudomyxoma peritonei penetrating the spleen and colon, **xliv**, 838.
- MYERS, T. H.**: Treatment of congenital dislocation of hip, **xx**, 138.
- MYNTER, H.**: Acute infectious osteomyelitis and periostitis, **x**, 87; appendicitis, **xvii**, 205; case of acute intermittent hydronephrosis from valvular stricture of the ureter, **xviii**, 658; cirroid aneurism of scalp, **xi**, 93; contribution to the study of head injuries, **xix**, 539; is amputation justified in coxitis? **xvi**, 133; pathology of appendicitis, **xiii**, 225; partial excision of sternum for sarcoma, **xiii**, 96; ruptured kidney, **xiv**, 120; subacromial dislocation from muscular spasm, **xxxvi**, 117; technic of prostatectomy, **xxxii**, 552; treatment of compound fracture, **xv**, 279; tuberculous epididymitis, **xvii**, 430.
- Myoadenoma** of the ileum, ileo-caecal intussusception due to, **xliv**, 730.
- Myofibroma** of intestine, large, **xliv**, 249.
- Uterus, of, operative treatment of, **xviii**, 251, 329, 598.
- Myofibromata**, castration in, **iv**, 370; of uterus, **iv**, 305.
- Myoma**, hysterectomy for, **xxvii**, 355; of uterus, **xxxi**, 963; necessity of operation for, **viii**, 71; sarcomatous degeneration of, **xlii**, 147.
- Menorrhagia, and, removal of uterine appendages for, **iii**, 102.
- Myomata**, castration for, **xxii**, 409; during pregnancy and parturition, **xxii**, 408; of bladder, **xxiii**, 213.
- Myomectomy**, abdominal, **xxvii**, 351; pedicle after, treatment of, **x**, 237.
- Myomotomies**, by abdominal incision, **xii**, 318.
- Myositis**, etiology of acute, **iii**, 337; excision of scapula for, **xxxvii**, 918; idiopathic, acute, **vii**, 208.
- Ossificans, **xv**, 333, **xxvii**, 960, **xxxvii**, 825; gout, simulated by, **xl**, 605; traumatic, **xxxiii**, 359, **xxxvii**, 958, **xxxviii**, 423.
- Myotomy**, laparo-, **ii**, 432.
- Cases of, **i**, 78.
- Review of Book: Myotomy, by Hofmeister, **i**, 592.
- Myxoedema**, **xx**, 426, 595; thyroidectomy, following, **v**, 68, 345.
- Myxolipoma** of leg—amputation at hip-joint, **xxvi**, 504.
- Myxoma** of the pedunculated abdominal cavity, **xxiii**, 295.
- Myxosarcoma** in a five months foetus, **iii**, 95.
- Myxosarcomatous tumors** of the abdomen, **iv**, 448.



## N

**Nævi**, removal of, xxxvii, 961.

Sublimate collodion, treatment of, by, xviii, 247.

**Nævus**, iii, 316.

Incision, by, treatment of, vi, 192.

**Nails** and drills after resection, use of, iv, 269.

Melanotic whitlows along, iv, 357, 360.

Review of Book: Diseases of Nails, by Heller, xxxi, 775.

**NANCREDE**, CHAS. B. DE: Diagnosis of kidney stone, xlvii, 1056; end results after total excision of the scapula for sarcoma, I, 1; operative treatment of Jacksonian and focal epilepsy, xxiv, 122; practical points in the surgery of the large bowel, xliii, 395; question of laparotomy for penetrating gunshot wounds of abdomen, involving viscera, v, 465; results of wounds of the large joints made by modern military projectiles, xxxvi, 368; should cholecystitis and cholelithiasis be any longer considered medical affections, and what are the usual consequences of so treating them? xlvii, 222; surgical treatment of cervical, thoracic, and abdominal aneurisms, xviii, 283; total excision of lower jaw for malignant disease, xvii, 296.

**Narath's** modification of Talma's operation for hepatic cirrhosis, xlvi, 831.

**Narcosis**, atropia as a remedy in ether, ii, 259.

Central, case of, xxv, 797.

Ether, by, x, 256.

Ethyl-bromide, of, xv, 312.

Hyoid bone, traction on, as an aid, xxxiii, 673.

Paralysis, Krumm on, xxv, 203.

**Nares**, cocaine in surgery, iii, 65.

**Nasal** bony defects, correction of, xli, 457.

Bridge, artificial, xxxiii, 45;

bridge, gutta-percha for, use of, xli, 947.

Cavity, osteoma of, x, 98.

Deformity, plastic operations for, remarks on, xxviii, 259.

Fossæ, malignant tumors of, xiv, 1.

Fractures and deformities, bridge for treatment of, xxxviii, 441.

Frontal sinuses, and, dead osteoma of, iii, 164.

Polypus, colossal, xii, 64.

**Nasopharyngeal** cavity, cysts in, iii, 96.

Polypus, ii, 257.

Sarcoma, erysipelas toxins unsuccessfully treated by ligation of the carotids, and excision of the upper jaw, xxiv, 44; treated by ligation of both external carotids, xxxiii, 189.

Tumors, removal of, ix, 374.

**Nasopharynx**, adenoid growths in, operations for removal of, iii, 342.

**NASSUA**, CHARLES F.: Acute carcinoma of breast, xlix, 152; excision of half the lower jaw, and half the tongue for epithelioma, xlv, 305; gunshot wound of abdomen, xlix, 143; incision through rectus muscle, xlv, 721; intralobular abscess of lung, xlv, 791; Ludwig's angina, xlvii, 309; normal pylorus seven years after simple pyloplasty for stricture, xlv, 718; œsophagotomy for impacted coin, xlvii, 295, 299; osteoplastic resection of the skull, xlvii, 832; rupture of kidney, xlv, 307; rupture of kidney and liver, xlv, 792; sarcoma originating in the ischiorectal fossa, xlv, 310.

**National Medical Dictionary** (review of), xi, 303.

**Navel**, dermoid tumor of, xv, 394.

Loop, xxii, 343.

Malignant disease of, xv, 329.

- Preservation of the, in a child with umbilical hernia, **xlvi**, 306.
- Neck** (see also Larynx), adenolipoma of, symmetrical, **xliv**, 258.
- Aerial tumors of anterior part of, **iv**, 235, 431.
- Blood cysts of, **x**, 451; of the lateral regions of, **iii**, 343.
- Bullet in, located by skiagraph, **xxiv**, 217.
- Carcinoma of, **xxiii**, 739.
- Cavernous angioma of, **xxv**, 649.
- Congenital epithelial cysts and fistulae, **xxii**, 132.
- Cysts of, congenital, **iii**, 345.
- Dislocation of fifth cervical vertebra, **ii**, 60.
- Fasciae and interfascial spaces of, **iv**, 229.
- Femoral, flexures of, in adolescence, **x**, 150.
- Femur, of, bending of, **xvi**, 281; curvature of, **xxviii**, 21; fracture of, at base of, disability and deformity after, **xxviii**, 139.
- Fistula of, congenital, **xviii**, 574; fistula, extirpation of median, total, **xliv**, 758.
- Fistulae of, congenital, improved method of treating, **xxxviii**, 759.
- Fracture of vertebra of, **xxix**, 636.
- Head, and, operations upon, technic of, **xliv**, 464, 842.
- Hernia of pleura into, **ix**, 321.
- Incisions, **xlvi**, 628.
- Lumbricoid migration into tissues of, **xvi**, 257.
- Lymphosarcoma of, **xl**, 266.
- Malignant cysts of, **v**, 67.
- Myxofibromatous tumor of, excision, **xxv**, 635.
- Nerves, of the pneumogastric and phrenic, division or resection in, **xxii**, 145.
- Rib, brachial plexus, extirpation of, for pressure on, **xvi**, 272.
- Tubercular lymph-nodes of, surgical treatment of, **xliv**, 49; lymphomata, methods of removing, from, **xxix**, 355.
- Tuberculosis of the lymph-nodes of, **xxix**, 559, 613.
- Tuberculous glands of, subcutaneous excision of, **xxxviii**, 901.
- Tumors of, **v**, 68; congenital, **xvi**, 271.
- Wounds of the thoracic duct in the, **xxvii**, 719.
- Reviews of Books: Injuries and Diseases of the Neck, by Macleod, **i**, 583; The Surgery of the Neck, by Ferrier, **xxviii**, 153.
- Necrosis** of clavicle, subperiosteal resection for, **iv**, 373.
- Cranium, of entire osseous cap of, following burn of top of head, **xlvi**, 641.
- Femur, of lower end of, **vi**, 43; osteoplastic operation after, **vi**, 83.
- Jaws, of the, phosphorus, **iii**, 163, **vii**, 288.
- Tibia, of, **iv**, 82.
- Necrotomy**, **iv**, 82.
- Osteoplastic, **xvii**, 626.
- Needle** extracted from rectus abdominis, **x**, 137.
- Thread, and, removed from abscess under liver, **xxxvii**, 950.
- Needle-holder**, **xxv**, 750.
- Surgical operations, employment of, in, **xxix**, 162, 263.
- Needles**, department of, penetrating the tissues, **xxv**, 614.
- Rust, the preservation of, from, **xxix**, 262.
- Negroes**, surgical diseases of whites and, comparison of, **vi**, 250.
- NEILSON, THOMAS R.: Acute cholecystitis complicating typhoid fever, **xxxiii**, 68; cases of Littre's hernia, **xx**, 191; control of meningeal hemorrhage, **xxxvii**, 454; laminectomy for fractured vertebra, **xxix**, 639; open measures in the treatment of fractures, **xxv**, 760; renal calculus in child of ten years, **xxxvi**, 283; rupture of liver and laceration of kidney; recovery after operation, **xxxviii**, 121; sarcoma of jaw in young child, **xxxvi**, 285.

NELLES, T. B.: Intracranial abscess due to typhoid bacillus, **xlvi**, 4.

**Neoplasms** (see also Tumors), of bladder, urinary, diagnosis and treatment of, **vi**, 182.

Ileus, as a cause of, **xxxiii**, 457. Initial seats and relative frequency, **xiv**, 257.

Parotid glands, removal of, **vi**, 152.

Review of Book: Neoplasms of the Uterus, by Gusserow, **iii**, 185.

**Nephralgia**, **xliv**, 628.

Cases of, **xxix**, 325.

Kidney, capsule of, relieved by free division of, **x**, 104.

Observations on, **xxx**, 192.

Remarks on, **x**, 339.

**Nephrectomy**, **i**, 75, 159, 371, **ii**, 85, 336, 423, 424, 425, **iii**, 170, 248, 346, 427, **iv**, 256, **v**, 269, 289, 556, 557, 559, **viii**, 38, 39, 42, **x**, 156, **xi**, 136, **xii**, 290, **xxv**, 172, **xliv**, 619, 625, **xlvi**, 797.

Abdominal section, by, **v**, 166, 273, 274.

Abscess, for, **xxiii**, 282.

Adenocarcinoma, for, **xviii**, 35.

Adenoma, for, **vi**, 37.

Anuria following, **xxxiii**, 225, 336, 342.

Calculus pyelonephrosis, for, **xxxv**, 403, **xli**, 131; pyonephrosis, for, **xxx**, 328.

Carcinoma, for, **xxix**, 753; renal, **xii**, 389.

Cases of, **xvii**, 318, 319, **xviii**, 100, 102, **xix**, 98, 497, **xx**, 168, 170, 417, **xxi**, 568, **xxxvi**, 92, 95, 779; requiring, **xlili**, 413, 787.

Clamp, use of, to vessels after, **xxxi**, 359.

Cystic degeneration, for, **xxxiv**, 419.

Cystine calculus, anuria after, **xxxvii**, 294.

Fibrolipoma, for, **xxvi**, 128.

Fistula, for ureteral, **xviii**, 600.

Fracture, for, **xxxiii**, 714.

Hæmaturia, for, **xlii**, 267.

Hemorrhage, control of, in, **xlvi**, 1058.

Hydronephrosis, for, **xvii**, 67, **xxiii**, 183, **xxv**, 744, **xlili**, 265, **xlvi**, 705.

Hypernephroma, for, **xlvi**, 616.

Kidney abscess, tumor of, removed by, **xl**, 260; for acute surgical, **xxxiv**, 581; for gunshot wound of, **vi**, 166; infarcts, multiple, in a child, **xliv**, 541; for lacerated, **xvi**, 579; the other, in complicated, **xxvii**, 425; in contemplated, **xxx**, 385; for sarcoma of, **xxii**, 269, 270.

Nephropexy, a new method of, **i**, 509.

Nephrolithotomy, following, **xv**, 67.

Note on partial, **i**, 1132.

Partial, **xii**, 292.

Patient 23 months old, on a, **iv**, 259.

Persistent sinus, incomplete, followed by, **xli**, 784.

Pyelonephritis, for, **xli**, 793; for acute, **xxxv**, 402.

Pyonephrosis, for, **v**, 377, **ix**, 467, **xii**, 388, **xxv**, 190, **xxx**, 323, **xl**, 289.

Renal calculus, for, **xxxi**, 356.

Resection of two ribs, with, **xviii**, 34.

Sarcoma, for, **xvii**, 68, **xxiii**, 259, 747, **xxv**, 745, **xl**, 595; of kidney, for, **xxx**, 317.

Stone, for, **xxiii**, 257; in kidney, for, **xxxix**, 1018.

Subcapsular, **v**, 275.

Suprarenal tumor, for, **xxxi**, 359.

Technic of, **xlvi**, 612.

Tubercular kidney, for, **xxv**, 173.

Tuberculosis, for, **xxix**, 609, 753, **xxxi**, 749, **xxxiii**, 478, **xxxiv**, 434, **xxxv**, 413, 638, **xxxvii**, 605, **xlvi**, 448; of the kidney and ureter, for, **xlvi**, 144; for renal, **xli**, 129.

Ureter, for traumatic rupture of, **xli**, 127; for wound of, during hysterectomy, **xli**, 126.

**Nephritis**, anæsthetics, on safety of, influence of, **vi**, 141, 142.

Chronic, decapsulation of kidney, effect of, upon hæmaturia from, **xxxix**, 370.

- Decapsulation for chronic, **xxxix**, 617.
- Interstitial, as a complication of surgical operations, **xxiv**, 379; with multiple abscess formation, **xlvi**, 148.
- Laparotomy, after, and ligature of common iliac, fatal, **iv**, 519.
- Suppurative, **xlvi**, 918.
- Toxic, dependent upon surgical conditions, **xl**, 891.
- Nephrolithiasis**, **iii**, 170, 248, **xxiii**, 257, **xxxiii**, 71.
- Deaver's cases of, **xxxvi**, 90.
- Kidney, incision of, in cases of, **xxvi**, 320.
- Nephrotomy for, bilateral, **xlvi**, 457.
- Operations for, results of, **xlvi**, 1022, 1024, 1028, 1053.
- Skiagraphy, and, **xlii**, 864.
- Study of, contribution to, **xxii**, 716.
- X-ray, diagnosis of, by, **xxxiii**, 239, 343.
- Nephrolithotomy**, **ii**, 271, 423, **iii**, 172, **v**, 1, 166, 559, **vi**, 185, 558, **viii**, 39-41, **x**, 339, **xi**, 52, 382, **xv**, 7, 191, **xxiv**, 196, **xxviii**, 661, **xxxiv**, 580, **xli**, 292, **xlvi**, 785, 787.
- Bilateral, with reference to certain aspects of calculus anuria, **xlvi**, 441.
- Double, **xv**, 70.
- Hepato-, **xxii**, 367.
- Indications for, **xii**, 386.
- Nephrectomy, following, **xv**, 67.
- Pregnancy, during the fifth month of, **vi**, 186.
- Nephropexy**, Deaver's cases of, **xxxvi**, 87.
- Kidney abscess, movable unsuspected lesions of, discovered during, **xl**, 215.
- Technics of, **xxxv**, 137.
- Nephrorrhaphy**, **v**, 273, 290, 556, **xii**, 81, **xiv**, 223, **xv**, 207.
- Hernia, lumbar, followed by, **xxvii**, 539.
- Kidney, for floating, **vii**, 192; for movable, **xvii**, 755.
- Nephrostomy**, kidneys, both, method of permanent drainage of, in connection with, **xlvi**, 406.
- Right, status of a case four months after, **xl**, 455, 458, 459.
- Ureteral implantation, as a substitute for, in cases of bladder resection, **xlii**, 805.
- Ureterostomy, and, hydronephrosis for, synchronous, **xlvi**, 314; right and left, for hydronephrosis due to ureter obstruction by bladder tumor, **xlvi**, 287.
- Nephrotomy**, **ii**, 86, 87, 424, **v**, 269, 289, **vi**, 37, **xlvi**, 787.
- Bilateral, for nephrolithiasis, **xlvi**, 457.
- Cases of, **xxvii**, 366, 368.
- Explorative, **iii**, 172.
- Exploratory, **xxvii**, 655.
- French surgical congress, discussion on, 1898, **xxix**, 366.
- Hæmaturia, for, **xlii**, 266, 268.
- Nephrectomy, after, **xv**, 286; and, for pyonephrosis, **xxvii**, 663.
- Pyonephrosis, **v**, 377.
- Renal calculi, for, **xviii**, 669, **xxx**, 347, **xxxv**, 419; varix, **xlix**, 652.
- Ureteral obstruction, **xlix**, 713.
- Nerve or nerves** (see Neuro-pathic, Neuritis) anastomosis for facial paralysis, **xxxvii**, 641.
- Blocking, Gritti amputation in, **xlvi**, 903.
- Cerebral, syphilitic affections of, **i**, 276.
- Compression, operation to relieve, **viii**, 125.
- Defects, bridging of, **xl**, 595.
- Different function, of, union of, considered in its physiological and surgical relations, **iv**, 161.
- Dissociation, **xlvi**, 686.
- Exsection of bones in continuity preparatory to secondary suture of tendons and, **i**, 484.
- Extraction, **x**, 261.
- Fractures, injuries to, **xxiii**, 147, 200.
- Inferior maxillary, infrabuccal division of, **v**, 504.
- Injuries, **xlvi**, 628; fractures of the upper extremity, complicating, **xviii**, 356; to peripheral, **xliv**, 747.

Involvement in ischæmic paralysis and contracture of Volkmann, **xlix**, 330.  
 Keloid of median, **xxxiii**, 13.  
 Median and ulnar, secondary suture of, **iv**, 161.  
 Neuralgia, facial, operative treatment of facial, **iii**, 269; of internal plantar, **iv**, 517; results of evulsion of, for, **xxv**, 517; section for, **viii**, 125.  
 Neuroma, enucleation of a, value of, which seemed to demand resection of a, **iv**, 521.  
 Operation on, **iv**, 517; for old injury of forearm, involving median and ulnar, **xlvi**, 451.  
 Paralyzed by Esmarch's bandage, radial and ulnar, **ix**, 76.  
 Peripheral, operative treatment of loss of substance in, **iii**, 233.  
 Peroneal, paralysis of, **xxxi**, 755.  
 Radial, paralysis of, following fracture, **iv**, 68.  
 Resection, **viii**, 124; of the sciatic, **i**, 295.  
 Sarcoma, excision and suture for, case of, **xxi**, 52.  
 Section and suture, **viii**, 125.  
 Spinal accessory, stretching and resection of, **vi**, 64.  
 Stretching, **i**, 577, **iii**, 301, 340, **iv**, **i**, **viii**, 25; leprosy, for anæsthetic, **iv**, 517; therapeutic value of, **ix**, 360, **xiv**, 400.  
 Sup. maxillary and inf. dental, resection of, **iii**, 236.  
 Surgery of, **iv**, **i**, 66, 68, 161, 447, 817, **vi**, 69, 88, 146, 339, 416, 501, **viii**, 130, 397; clinical contributions to, **ix**, 359; recent contributions to, **i**, 132.  
 Suture, **iii**, 341, **iv**, 161, **v**, 349, **vi**, 339, **viii**, 123, **xxxiii**, 354; case of, **xix**, 91; secondary, **ii**, 181, **vii**, 212, **viii**, 123, 125, **xlii**, 315; and regeneration, case of, **xxiii**, 757; of tendon and, distance, **v**, 348.  
 Suturing, **xviii**, 229; axilla, in, **xi**, 373.  
 Transplantation, facial paralysis, for relief of, **xxxviii**, 901.

Tumor of median, **xxxii**, 609.

Wry-neck, section for spasmodic, **viii**, 125.

Review of Book: Healing of Nerves, by Ballance and Stewart, **xxxvi**, 627; Nueva concepta de la histologia de los centros nervosos, by Ramon y Cajal, **xviii**, 122.

Nervous anatomy of the inguinal region, **xxxi**, 1.

Reviews of Books: Chirurgische Klinik der Nierenkrankheiten, by Israel, **xxxiv**, 726; Circulation of the Central Nervous System, by Browning, **xvii**, 693; Diseases of the Nervous System, by Baudrey, **xvi**, 184; Diseases of the Nervous System Resulting from Accident and Injury, by Bailey, **xlv**, 796; Essentials of Nervous Diseases and Insanity, by Shaw, **xv**, 167; Healing of Nerves, by Ballance and Stewart, **xxxvi**, 627; Injuries and Surgical Diseases of the Peripheral Nerves, **xiv**, 334; Nierendiagnostik und Nierenchirurgie, by Kapsammer, **xl**, 879; Remote Consequences of Injuries of the Nerves, by Mitchell, **xxiii**, 359; Text-book of Nervous Diseases, by C. L. Dana, **xvii**, 118; Treatise on Organic Nervous Diseases, by Starr, **xxxix**, 153; Treatise on Nervous System, by Barker, **xxxi**, 143.

Neudorfer's method of amputating extremities, **xx**, 355.

Neuralgia of bladder, **vii**, 305.

Facial, intracranial neurectomy for, **xl**, 264; intracranial operations for the cure of, **xxiv**, 575, 736; operative treatment of, **iii**, 269; removal of the semilunar ganglion through the floor of the skull for, **xvi**, 166; treated by alcohol injections, **xlvii**, 783.

Gasserian ganglion for trifacial, excision of, **xxxiii**, 683.

Hartley's operation for trifacial, **xxv**, 97.



- Inferior maxilla cured by resection of the alveolar neural border, **ii**, 260.
- Nerve canal, its treatment by chiselling out the, and lining with musculo-periosteal flaps, **xliv**, 755; results of evulsion of, **for**, **xxv**, 517.
- Pathology of, **xxxiii**, 696.
- Plantar nerves, of external, **iv**, 517.
- Superior maxillary and inferior dental **for**, **iii**, 236.
- Trifacial, intracranial neurectomy **for**, **xxxv**, 404; nerve, comparative value of operations for relief of, **xvii**, 711; exsection of second branch of, **xxiv**, 501; the surgical treatment of, **xlv**, 649.
- Trigeminal, cured by stretching the facial nerve, **xviii**, 466; Hutchinson on operative results, **i**, 577.
- Review of Book: Paralysis from Peripheral Neuritis, by Buzzard, **v**, 176.
- Neural infixation, **xxii**, 320.
- Neurectomy, **iii**, 236, 272, 338, **iv**, 517.
- Infra-orbital, of, **i**, 78, 345.
- Intracranial, **xxxvii**, 665, **xix**, 47; cases of, **xix**, 725; of the fifth nerve, question of priority in devising a method **for**, **xviii**, 362; **for** tic douloureux, **xxxvi**, 957; trifacial, **xxi**, 296, 510.
- Lingual and mandibular, **xlvi**, 636.
- Neuralgia, **for** trifacial, by Lossen's method, **xxi**, 320; of trimerinal nerve, **for**, **xv**, 386.
- Neuroma, brachial plexus, of, **xxii**, 113.
- Enucleation of a, **iv**, 521.
- Review of Book: Neuroma and Neurofibromatosis, by Thomson, **xxxii**, 872.
- Neuromata, arm, multiple of, **xl**, 422.
- Malignant, **vi**, 416.
- Neuropathic affection, bones of, **xxxiv**, 437; joint affections, **vi**, 88.
- Neuromy, **iii**, 272.
- Spinal canal, within, **x**, 264.
- NEWELL, WILLIAM R.: The conservative treatment of fracture of the femur, **xlvi**, 748.
- NEWMAN, DAVID: Malignant disease of the tonsils, **xv**, 476; malignant tumors of nasal fossæ, **xiv**, 1.
- NEWMAN, HENRY F.: Hæmostasis of the broad ligament, **xxxv**, 802, 829, 830.
- NEWMAN, SAMUEL E.: The "open-seat" pelvic binder, **i**, 789.
- New method of resection of stomach, with subsequent gastroduodenostomy, **xv**, 481.
- New York Hospital, operative methods and results at, **xxiv**, 50.
- New York State Medical Association, Transactions, **ii**, 433.
- New York Surgical Society, transactions of, **xvii**, 61, 197, 318, 329, 447, 582, 593, **xviii**, 30, 39, 553, 664, **xix**, 85, 88, 236, 363, 493, 609, 675, 682, **xx**, 70, 78, 168, 176, 367, 414, 733, **xxi**, 45, 62, 173, 299, 308, 479, 588, 597, 706, **xxii**, 502, 512, 792, **xxiii**, 56, 77, 188, 282, 284, 440, 600, 606, 737, **xxiv**, 44, 219, 371, 494, 501, **xxv**, 88, 103, 172, 180, 359, 368, 475, 623, 735, **xxvi**, 117, 225, 240, 357, 361, 507, 707, **xxvii**, 83, 88, 363, 524, 647, 654, 661, 764, **xxviii**, 125, 244, 254, 380, 516, 646, **xxix**, 110, 256, 340, 351, 484, 605, 617, 751, **xxx**, 91, 217, 324, 337, 507 632, 647, **xxxi**, 242, 243, 253, 356, 489, 617, 625, 730, **xxxii**, 129, 291, 446, 602, 606, 708, **xxxiii**, 42, 51, 188, 323, 473, 626, 635, 753, **xxxiv**, 178, 293, 297, 414, 423, 567, 703, 822, **xxxv**, 105, 270, 400, 411, 512, 636, 643, 647, 806, **xxxvi**, 131, 259, 270, 438, 606, 779, 953, **xxxvii**, 95, 270, 428, 437, 602, 773, 928, 938, **xxxviii**, 99, 111, 300, 444, 449, 597, **xxxix**, 100, 268, 284, 434, 584, 596, 807, 995, 997, 1017, **xl**, 114, 125, 255, 261, 411, 571, 759, 1010, **xli**, 126, 136, 451, 455.

- 764, 778, 942, **xlii**, 116, 265, 455, 590, 603, 923, **xliii**, 136, 299, 436, 609, 615, 759, 918, **xliv**, 111, 118, 295, 440, 616, **xl**, 124, 126, 142, 301, 453, 615, 749, 764, 958, **xlvi**, 140, 148, 307, 467, 639, **xlvi**, 116, 123, 280, 436, 448, 783, 803, **xlvi**, 122, 135, 304, 442, 606, 922, **xlix**, 125, 248, 265, 419, 541, 560, 707, 856, 862, **i**, 477, 489, 636, 797.
- NICHOLSON, C. M.**: Case of castration for enlarged prostate, without benefit, followed one year later by prostatectomy, **xxviii**, 378; cystic degeneration of the kidney, **xlvi**, 241.
- NICOLL, JAMES H.**: Birth-fractures of skull, **xi**, 865; enterorrhaphy without mechanical accessories, **xxix**, 407; observations in the sterilization of catheters and bougies, and on the presence of bacteria in the urethra, **xxix**, 661; operative technic of carcinoma of penis, **xlix**, 240, 338; radical cure of severe femoral and inguinal hernia, **xliii**, 114.
- NIELSEN, THOMAS R.**: Treatment of intracapsular fracture of femur, **xxiv**, 67.
- NIEMACK, J.**: Intestinal polypoid and carcinoma, **xxxvi**, 104; surgery of true cystic kidney, **xxxiv**, 811.
- Nierenchirurgie**, Handbuch von, Garré und Ehrhardt (review of), **xlvi**, 944.
- NIETRET, HERMAN L.**: Cornu cutaneum of the human scalp, **xliii**, 908.
- NILES, HARRY DORR**: Surgical results of inflammation of gall-bladder and bile-ducts, **xxxv**, 345.
- Nipple**, carcinoma of, primary, **xviii**, 470.
- Construction of a new, **ix**, 277.
- Nitrous oxide**, and ether anæsthesia, **xxx**, 709.
- Method of administering, best, **vi**, 214.
- Review of Book: Administration of Nitrous Oxide and Ether, by Hewitt, **ix**, 317.
- NOBLE, CHARLES P.**: Overlapping the aponeurosis in the closure of wounds of the abdominal wall, including umbilical, ventral and inguinal hernia, **xliii**, 349; the relation and technic of nurses and of hospital apparatus to the healing of wounds, **xliv**, 431, 456.
- NOBLE, W. H.**: Cases of hip-joint amputation, **xxvii**, 753; cystotomy for multiple vesical calculi, **xxv**, 192; fracture-necrosis of cornu of hyoid bone, **xxiv**, 233; ileocaecal hæmatoma simulating appendicitis, **xxv**, 188; operations for breast carcinoma, **xxvii**, 781; sarcoma of upper jaw, **xxiv**, 232; treatment of saddle-back nose, **xxiv**, 232; ureter involved in appendical inflammation, **xxv**, 187.
- NOEHREN, ALFRED H.**: The value of the differential leucocyte count in acute appendicitis, **xlvi**, 239.
- Nomenclature**, vascular lesions, of, characterized by "pulsation," **xxii**, 372, 391.
- Non-absorbable sutures**, disadvantages of buried, **xxiv**, 48.
- Non-union of fractures**, **iii**, 356.
- NORTH, N. L.**: Case of dislocation of inferior maxilla left irreduced for eighty days, **viii**, 179.
- NORTH, N. L., JR.**: Digital amputations under cocaine, **v**, 417.
- Nose** (see Epistaxis, Nasopharyngeal), alæ of, results of extirpation of, for epithelioma, **xxx**, 95.
- Artificial, **xxv**, 103.
- Bony defects of, use of gutta-percha in correcting, **xli**, 456.
- Bridge of the, artificial, **xxxiii**, 42.
- Deformity of, operations for, **v**, 501; plastic correction of, **vii**, 452; plastic operation for, **xxxiii**, 764.
- Epithelioma of, **xx**, 416, **xxvii**, 772; of the ala of the, treatment of, **xxii**, 695.

Fractures of, treatment of, **xxviii**, 458, 668.  
 New skeleton for, formation of, **v**, 59.  
 Operating distances in the, measurements for, **xxxvi**, 554.  
 Operations on, plastic, **xi**, 258; for deformity of, **xxviii**, 258.  
 Osteoperiosteal flaps in repair of, **ix**, 139.  
 Osteoplastic operation on depressed, **xix**, 86.  
 Paraffine injection and implantation upon, **xliv**, 756.  
 Pharynx, and, adenoid vegetations of, treatment of, **vi**, 502.  
 Pug, operative relief of deformity termed, **vi**, 252.  
 Saddle, new plastic operation for, **vi**, 499.  
 Tumors of, **xlvi**, 932.  
 Plastic for restoring bridge of, **xviii**, 668.  
 Polypus of, treatment of, by acetate of silver cauterization, **ix**, 373.  
 Rhinoplasty, restoration of, by, **xxiv**, 232; for sunken, **xlvi**, 1059.

"Saddle-back," artificial bridge for, **xxi**, 707; operation for, **xxxvi**, 612.

Saddle-, operation for, **xxvi**, 377, **xxxiv**, 268, 306.

Review of Books: Accessory Sinuses of the Nose, by A. Logan Turner, **xxxvi**, 479; Diseases and Injuries of the Nose, by G. M. Lefferts, **i**, 387; Diseases of the Nose and Throat, by Price and Brown, **xxxii**, 148; Examination of the Nose, by Baber, **iv**, 378; The Nose and Its Accessory Sinuses, by Lefferts, **i**, 387; Nose and Throat Work, by Richards, **xxxix**, 479.

Nothnagel's test, **vii**, 171.

Nurses, wounds, technic of, in relation of, **xliv**, 431.

Nursing Text-book, by Wernich (review of), **vii**, 480.

NYDEGGER, JAMES A.: Extraperitoneal ligature of external iliac artery for aneurism, **xliv**, 96.

## O

Obstetrics, fractures in, **xxxiii**, 775.

Reviews of Books: American authors on "Obstetrics," **xxxviii**, 475; Essentials of Obstetrics, by Ashton, **ix**, 478; Manual of Obstetrics, by Dorland, **xxv**, 117; Text-book of Obstetrics, by Harry J. Garrigues, **xxxviii**, 937; Text-book of Obstetrics, by Hirst, **xxxviii**, 319; Text-book of Obstetrics, by Reynolds and Newell, **xxxviii**, 318; Text-book on Practical Obstetrics, by Grandin and Jarmin, **xxxi**, 271; Treatise on Obstetrics, by Davis, **xxvi**, 414.

Obstipation, caput, **i**, 580.

Obstruction (see Intestine), bowels, of the, the abuse of cathartics in, **xliv**, 155; enterostomy for intestinal, **x**, 281; intestinal, from carcinoma, treatment of, **xliv**, 261; of intestine, due to band and volvulus of the ileum, **xli**, 148; of intestine, internal, **v**, 88, 157, 544; sequel to operation for appendicitis, **xli**, 150.

Obturation ileus, **xliv**, 150.

Obturator, dislocation, **xv**, 425.

Artery, aneurism of, sudden disappearance of supposed, **v**, 139.

Foramen, enterocele, strangulated through, **xxxix**, 816.

- Hernia, **xiii**, 217, **xxxiv**, 796; strangulated, **xxxii**, 285.
- Nerve, contractures of central origin, resection of, for relief of, **xvii**, 89.
- Occipital neuralgia**, operative treatment of, **xxxi**, 121.
- Occiput**, fall upon, lasting state of sleep after a, **xliv**, 752.
- Occlusions**, ureteral, indigo-carmin test as an aid in diagnosis of, **xliv**, 553.
- OCHSNER, A. J.**: Acute post-operative dilatation of the stomach, **xlili**, 471; aseptic surgical technic, **xl**, 453; closure of abdominal wounds, **xl**, 439; combined superior tibiofibular and astragalo-fibular osteoplasty as a means of preventing shortening of the leg during adolescence following extensive osteomyelitis, **xliv**, 470; constriction of the duodenum below the entrance of the common duct and its relation to disease, **xlili**, 80; decapsulation for chronic nephritis, **xxxix**, 621; demonstration of McGraw elastic ligature, **xxxix**, 144, 146; final results of 164 cases of carcinoma of the breast operated upon during the past fourteen years at the Angustana Hospital, **xlvi**, 28; further case of removal of the upper extremity together with the scapula and clavicle, **xxii**, 736; ileus caused by neoplasms, **xxxiii**, 457, 501; inter-scapulothoracic amputations, **xxxix**, 136; splenomegaly, **xxxiv**, 197; stricture of œsophagus treated by gastrostomy and gradual dilatation, **xxxvii**, 785; surgery of the gall-bladder, **xxxv**, 708; of gall-bladder and biliary duct, **xli**, 315; treatment of actinomycosis, by iodide of potash, **xxxvii**, 464; of fistulæ and abscesses following operations for empyema of the thorax, **i**, 151; of fractures of the neck of the femur, **xl**, 608; tubercular peritonitis, **xlili**, 795; gall-stone surgery, **xxxv**, 671; technic of operations upon the head and neck, **xliv**, 466; hydrocele in the female, **xli**, 796; specimen of intussusception, **xli**, 307; ovarian cysts with twisted pedicle, **xlili**, 791.
- OCHSNER, EDWARD H.**: Actinomycosis, **xxxvi**, 468; an aspirating trocar, **xxxvii**, 769; congenital dislocation of hips, **xxxvi**, 198; coxa vara, **xlili**, 633; ischæmic atrophy, contractures and paralysis, **xlili**, 599, 604; macroglossia, **xlili**, 638; multiple exostoses, including an exostosis within the spinal canal, with surgical and neurological observations, **xlvi**, 608; pancreatic cyst, **xlili**, 951; sarcoma and myoma of the stomach, **xliv**, 637; sarcoma of thigh, **xliv**, 629; the diagnostic value of potassium iodid in syphilis, **xliv**, 623; treatment of fractures involving the hip-joint, **xxxiii**, 801.
- O'CONNER, JOHN**: Clinical contribution to the surgery of the liver, **xxv**, 547; surgical treatment of acute rheumatic arthritis, **xxvii**, 177; treatment of acute infective arthritis and cellulitis, **xxix**, 469; treatment of some traumatic lesions of the knee-joint, **xxiv**, 620; of varicose veins, **xxv**, 526.
- ODIORNE, WALTER B.**: Undescended testicle, **xl**, 962.
- Odontoid process**, fracture of the axis with dislocation forward of atlas, **xlili**, 245.
- Odontology**, contribution to, **iii**, 80.
- Edema**, blue, hysterical, **xviii**, 667; consequent upon wound of axillary and subclavian veins, and ligature, **v**, 256; malignant, **xiv**, 240; malignant case of, **xxxviii**, 481; of glottis, **iv**, 336; of groin, consequent upon wound of vein in, **v**, 11; of larynx, **v**, 64.

**Cesophageal** abscess containing foreign body (Peri), **xliii**, 769.  
 Diverticulum, **xlvi**, 615.  
 Lesions, diagnosis of, **xliii**, 858, 947.  
 Polyp, **xliii**, 944; removed by operation, **xliii**, 944.  
 Stricture, divulsion in, **xl**, 870, 1020.  
 Thoracic fistula, **xl**, 770.  
 Tube for use during narcosis, **xliii**, 928.  
**Cesophagogastrostomy** after intrathoracic resection of the cesophagus, **i**, 175.  
**Cesophagoscopy**, Von Hacker on, **xxviii**, 397.  
**Cesophagotomy**, **iv**, 193, **vi**, 22, **xlvi**, 530; deep external, **xxx**, 98; external, for stricture, **xx**, 735; for a foreign body, **vii**, 187, 219, **x**, 200, 288, **xiii**, 100, **xv**, 389; at the Zurich clinic, **xx**, 567; for impacted coin in a nineteen months' old infant, **xlvi**, 295; for a penny which had ulcerated into bronchus, **vi**, 255; for stricture of cesophagus, **iii**, 237.  
 Internal, **xx**, 734.  
 Intramediastinal, a case of, **xxxvii**, 299.  
 External, for stricture, **xxix**, 615.  
**Cesophagus**, benign stricture of, **xlvi**, 146.  
 Carcinoma of, **vi**, 78, **xxxii**, 298, **xlvi**, 809; gastrostomy for, **xvii**, 592; requiring gastrostomy, **xxiii**, 299; resection of, for, **xxx**, 754; Witzel's method of gastrostomy for the relief of, by use of the "string-saw," **xviii**, 37.  
 Cicatricial stenosis of, gastrostomy for, **xxi**, 543, **xxx**, 633; treatment of, **xvii**, 92.  
 Cicatricial stricture of, **xxxviii**, 104; subjected to gastrostomy, string and elastic tube dilatation, **xxxi**, 352; treatment of, **xxiv**, 654; by retrograde dilatation, **xxi**, 253, 306; by string method, **xlii**, 603.

Dilatation, forcible in malignant stricture, **ix**, 298.  
 Diverticula of, **xxxix**, 171; operation for, **xxxiii**, 91.  
 Diverticulum of, **xxxi**, 525.  
 Endothoracic incision and resection of, **viii**, 308.  
 Epithelioma of, **xii**, 367.  
 Fibrous stricture of, **xii**, 321.  
 Foreign body in, **iv**, 174, 193; impacted, removed by gastrostomy, **xxiii**, 415; located by skiagraph, **xxiv**, 238; value of skiagraphy to detect, **xxv**, 650.  
 Gastric fistula, formation of, in cases of impermeable stricture of, **xxiv**, 655.  
 Gastrostomy for carcinoma of, **iv**, 237, **vii**, 224; for scirrhus of, **vii**, 223; for stricture of, **xxxvi**, 954, **xxxix**, 295, **xxxi**, 243, 259; for digital exploration, **vii**, 221; for foreign body in, **v**, 133; for malignant stricture of, **viii**, 212; for relief of obstruction of, **xxiv**, 656; retrograde dilatation treated by, **xix**, 385; with stricture of, **v**, 145.  
 Instruments for treating stricture of, **xxxvii**, 350.  
 Jack-stone in, **xxii**, 109, 111.  
**Cesophagotomy**, by internal, **xx**, 734.  
 Osteoplastic gastrostomy for, stricture of, **xxxix**, 1000.  
 Removal by cesophagotomy of an impacted toy bicycle in the, **xliii**, 347; removal of impacted peach stone through wound in the stomach, **xvii**, 228.  
 Resection of lesser curvature of stomach and, **xlvi**, 530.  
 Stenosis of, relieved by gastrostomy, **xxviii**, 254; treatment of, **xii**, 360.  
 Stricture of, **xxv**, 359, **xxxiv**, 822, **xxxvii**, 785, **xli**, 791, **xliv**, 130, **xl**, 620; cured by string saw, **xix**, 88; dilatation of cicatricial, **xxxix**, 161; dilated by a thread and a rubber tube, **xxxix**, 273; divided by string, **xvii**, 489; gastric fistula for, **xlix**, 260; malig-



- nant, **i**, 361; relieved by string-saw after gastrostomy, **xx**, 733; removal of foreign body lodged between, **xxxvi**, 261.
- Thoracic, experimental studies upon, **xlvi**, 544.
- Transthoracic resection of, **xli**, 667.
- Typhoid fever, stricture of, following, **xlii**, 144.
- Typhoidal stricture of, **xxxix**, 683.
- Wound of, **xxii**, 111.
- OGSTON, ALEXANDER: Forming new acetabulum in certain resections of hip-joint, **viii**, 161; operation for varicocele, **iv**, 120.
- O'HARA, M., JR.: Method of performing anastomosis of hollow viscera by a new instrument, **xxxiii**, 179, 207; specimen of suture of bowel, **xxxiii**, 650.
- O'Hara forceps, anastomosis of intestine with aid of, **xxxiv**, 441; enterorrhaphy with aid of the, **xxxiv**, 441.
- Oleate of mercury, stitch abscesses, inunctions with, for the prevention of, **xxxv**, 1.
- Olecranon, bursa of tuberculosis of, **xlii**, 118.
- Fracture of, rare, **viii**, 395; suture of, **xxxvi**, 610; transverse, **v**, 198; ununited, **xxxi**, 756.
- Ulna sutured to lower end of, in elbow-joint excision, **v**, 75.
- OLIVER, JOHN C.: Cases of pro-  
peritoneal hernia, **xxxiii**, 622; colossal kidney-stone, **xlvi**, 1057; cysts in connection with the teeth, **xxxvii**, 65; end results following operations for carcinoma of the breast, **xlvi**, 51; question of surgical intervention in cases of injuries to the spine, **xxxvii**, 238; resection of ileo-cæcal coil, **xxvii**, 729; treatment of perforative peritonitis, **xlvi**, 1047; of congenital pyloric stenosis, **xlvi**, 1053.
- OLLIER: Circular testimonial, **xxxiii**, 672; simplification of post-operative treatment of resection of knee-joint, **vi**, 424.
- OLMSTEAD, INGERSOLL: Case of Jacksonian epilepsy relieved by trephining, **xvi**, 406.
- Omental cyst, **xliv**, 427.
- Fixation to establish collateral circulation in cases of hepatic cirrhosis, **xxxiii**, 653, 663, 715, 791.
- Torsion, intra-abdominal, **xxxii**, 648, **xxxvi**, 940, **xlvi**, 759.
- Tumors due to adhesive inflammation, **xiv**, 36.
- Omentoceles, congenital infantile, on the same side, **xl**, 204.
- Omentum, amputation of, in hernia operations, **xxi**, 658.
- Colloid carcinoma of, **xxxvi**, 133.
- Congenital multilocular cyst of, **xxv**, 703.
- Cystosarcoma of, **xxvii**, 220.
- Cysts of, **xlvi**, 382.
- Endotheliomatous cyst of, **xlvi**, 206.
- Functions of the, **xliv**, 652.
- Hernia of, abdominal wounds with, **iv**, 240; hypertrophy of, in, **xix**, 206; omental, from an intestinal obstruction relieved by liberating the, **iv**, 526; portions of, removed during operations for, accidents which may follow, **xvii**, 269, 320.
- Hydatid tumors of, **i**, 362.
- Inflammatory tumors of, **xxxv**, 541.
- Operations with plastic, **xxxi**, 664.
- Parietal adhesions of, for cirrhotic ascites, **xxxvi**, 962.
- Prolapse of, from stab wound of abdomen, **viii**, 140, 141, 143, 147, **ix**, 63; through stab wound of diaphragm, **ix**, 93.
- Sarcoma, primary, of, **xlvi**, 16.
- Surgical pathology of, **xxxiii**, 664.
- Torsion of, **xxxviii**, 99; of entire great, **xl**, 916.
- Transplantation to relieve intestinal defects, **xxxvii**, 629.
- Volvulus of, **xlii**, 624.
- Omphalectomy for strangulated umbilical hernia, **viii**, 217.

- Omphalomesenteric duct**, Meckel's diverticulum, and clinical experiences with, **xliv**, 87.
- Omphaloproperitoneal hernia**, **xx**, 244.
- ONUF, B.**: Perforating gunshot wound of the cervical portion of the spinal cord, **xxxviii**, 812.
- Oophoraphy**, **iv**, 365.
- Oophorectomy**, ligature in, **xxiv**, 35, 63.
- Oophorosalingectomy** for nervous troubles, **x**, 394.
- Open bony cavities** lined with epithelium, resulting from trephining of mastoid process, **xvi**, 435.
- Operating pavilion** of the new general hospital at Hamburg, **xvi**, 371.
- Room, essentials of a good, **xii**, 432; surgical, **vii**, 441.
- Table, electrically heated, mattress for, **xxvii**, 682; new, **xxxi**, 479.
- Theatre at Hotel Dieu, Lyons, **x**, 437.
- Review of Book: Operating Room and the Patient, by Russel S. Fowler, **xlvi**, 799.
- Operations**, empyema, and diagnostic punctures after, **xvi**, 392.
- Epileptoid attacks, for, **xv**, 468.
- Gastrotomy, observations of, **vi**, 516.
- Per se, supposed curative effects in, **xiv**, 81, 161.
- Reviews of Books: Compendium der Verbandstechnik, by Sonnenburg and Muehsam, **xxxvii**, 797; Electrolytic Operations in the Upper Air Passages, by Kafemann, **x**, 400; Instruments and Appliances Required in Various Operations, by A. W. M. Robson, **xiv**, 333; New Operations in Surgery, Guillemain, **xxii**, 536; Psychical End-results Following Major Surgical Operations, **xlvi**, 853; Operations of Surgery, by Jacobson and Rolands, **xxvi**, 744, **xlvi**, 951.
- Operative procedures**, advantage

- of the lateral position in certain, **xlvi**, 302.
- Operative surgery**, **v**, 52, 97, 346, 417, 535, **vi**, 144, 145, 285, **vii**, 211, 212, **viii**, 106; of human brain, **ii**, 1, 110, 214; sea level and high altitudes, comparison of, for, **xxvi**, 297.
- Reviews of Books: Manual of Operative Surgery, by Binnie, **xlvi**, 149, **xlvi**, 152; Manual of Operative Surgery, by Stimson, **xxiii**, 254; Operative Surgery, **xlvi**, 475; Operative Surgery, by Bryant, **xxxv**, 130; Operative Surgery, by Treves, **xl**, 1033; Operative Surgery, by Zuckerkandl, **xxxvii**, 156; Text-book of Operative Surgery, by Bickham, **xxxix**, 824, **xlvi**, 444; Text-book of Operative Surgery, by Kocher, **xxii**, 537, **xxxix**, 1042.
- Operative treatment** of goitre, **xii**, 161, **xvi**, 156, 346, 436; of irreducible dislocations of the great toe and the thumb, **xv**, 486.
- Ophthalmic Surgery**, by Dr. Josef Miller (review of), **xlvi**, 957.
- Ophthalmology**, Text-book of, by Fuchs (review of), **xxx**, 381.
- Ophthalmotomy**, hemorrhage, traumatic intracapsular, for, **vi**, 501.
- Opium**, danger of administering, before anaesthesia, **vi**, 214.
- Opsonic index**, tuberculins and the tuberculo-, **xlvi**, 597.
- Optic nerves**, pistolshot wounds of, **xix**, 692; sarcoma of sheath of, **xii**, 219.
- Orbit**, dermoid cysts of, **xi**, 59, **xxv**, 487.
- Emphysema of, **iii**, 417.
- Malignant ulcer of, **xlvi**, 824.
- Osteoma of, **xli**, 151.
- Periostitis of, **vii**, 451.
- Tumors of, primary melanotic, **xix**, 726.
- Orbital aneurism**, carotid artery, common, ligation of, for, **xxii**, 389.
- Fracture involving frontal sinus, **xxxi**, 622, 623.

- Periostitis, cerebral abscess subsequent to, **iv**, 334.
- Route, for removal of second branch of the fifth nerve at the foramen rotundum, **xxxvii**, 855.
- Orchitis**, compression in acute, **ii**, 85.
- Origin of Disease**, by Meigs (review of), **xxvii**, 695.
- Orient**, modern medicine and surgery in the, **xlvi**, 1042.
- ORMSBY, OLIVER**: Generalized systemic blastomycosis, **xlii**, 779.
- ORTH, JOHANNES**: Morphology of carcinoma and the parasitic theory of its etiology, **xl**, 773.
- Orthopædic** (see Deformities).
- Surgery, skiagraphy in, **xxxi**, 266.
- Reviews of Books: Transactions of American Orthopædic Association for 1894, **xxi**, 618; for 1896 (vol. ix), **xxv**, 796; for 1897 (vol. x), **xxvii**, 552; for 1899, **xxxi**, 523.
- Orthopædic operations**, **xxv**, 315, 368.
- Reviews of Books: Handbook of Orthopædic Surgery, by Keetley, **xxxiii**, 224; Manual of Orthopædic Surgery, by Augustus Thorndike, **xlvi**, 954; Manual and Atlas of Orthopædic Surgery, by James K. Young, **xlvi**, 961; Orthopædic Surgery, by Berger-Banzet, **xl**, 1037; Orthopædic Surgery, by Bradford and Lovett, **xii**, 397; Orthopædic Surgery, by Moore, **xxvii**, 692; Orthopædic Surgery, by Schreiber, **viii**, 480; Treatise on Orthopædic Surgery, by Whitman, **xxxiv**, 717, **xxxix**, 476.
- Os calcis**, fracture of, **xxiv**, 39, **xli**, 363, **xliv**, 51; non-tuberculous osteomyelitis of, **xlvi**, 762.
- OSGOOD, ALFRED T.**: Diagnosis of obscure cases of renal and ureteral calculus, **xliv**, 905; "gauze-ether," or a modified drop method, with its effect on acetoneuria, **xlvi**, 460.
- OSLER, WILLIAM**: Arteriovenous aneurism of the axillary artery and vein of fourteen years' duration, **xvii**, 37; symptoms of chronic obstruction of the common bile-duct by gall-stones, **xi**, 161.
- Os magnum**, fracture of, **xlvi**, 917.
- Osmic acid** in goitre, **xiv**, 419.
- Osseous** (see Bone).
- Ossification**, stylohyoid, **xlvi**, 721.
- Ossifying hæmatoma**, **xviii**, 8, 558.
- Osteitis deformans**, **xxxix**, 438; skull, hypertrophy of, in, **viii**, 302.
- Knee, of, treatment of articular, **iv**, 269.
- Tibia, of, **xxix**, 268; chronic, **xxviii**, 148.
- Review of Book: Pathogénie des Diverses Osteites, by Condamin, **xix**, 381.
- Osteochondritis desiccans**, **xxi**, 237.
- Osteoclasia**, **iv**, 417, **v**, 40, 443, **ix**, 80, **xxvii**, 790.
- Genu valgum and, **vii**, 71.
- Osteotomy and, **ii**, 166.
- Osteodystrophia**, juvenilis cystica, **xliv**, 738.
- Osteogenesis**, imperfecta and idiopathic fragilitas ossium, **xlvi**, 179.
- Osteogenic factors**, bone, in development and repair of, **vi**, 289, 389.
- Osteoma**, adductors, of, cavalrymen, in, **x**, 217.
- Cutis, **v**, 69.
- Frontal sinus, of, **xvi**, 270, **xli**, 624.
- Jaw, of lower, **xxx**, 372.
- Nasal cavity, of, **x**, 98.
- Nasal and frontal sinuses, **iii**, 164.
- Orbit, of, **xli**, 151.
- Palate, of, **xxxiii**, 766.
- Tibia, of, **xxv**, 764.
- Traumatic, **xliv**, 739.

**Osteomalacia**, male, in, **xl**, 225, 288.

**Osteomyelitis**, **iii**, 221.

Acute, **xxiii**, 239, **xxxi**, 382, **xl**, 602.

Acute infectious, **x**, 181.

Bones, small tubular, affecting, **ii**, 513.

Diagnosis and treatment of, early, **xxiv**, 235.

Femur, of, acute, case of, terminating in recovery, **xxxi**, 332; neck of, cure of acute, **ix**, 305.

Gonorrhœal, **xliv**, 121.

Hæmatogenous, from actinomycosis, **xliv**, 739.

Hip amputation for, **xxxi**, 495.

Interscapulo-thoracic amputation for, **xxxi**, 633, 686.

Joints, affecting, **ii**, 162.

Marrow, treatment by scraping out the marrow, **i**, 1.

Non-tuberculous of the os calcis, **xlvi**, 762.

Operation in, early, **xxi**, 235, 236.

Operative abortive treatment of, **xxi**, 234.

Periostitis, and, acute infectious, **x**, 87.

Scraping out the marrow for, **i**, 1.

Seromucinoso, **xx**, 616.

Tibia, of, **xxxvi**, 441.

Tubercular, of tibia, **xxxix**, 277.

Tuberculous of the diaphysis of long bones, **xxxi**, 128.

Typhoidal, **xxxiv**, 181.

Vertebrae, of the, **xxxi**, 382; acute primary of the, **xxiii**, 510.

**Osteoplastic** amputation of arm, **xxxiii**, 636, 709; of leg, **xli**, 452; of thigh, **vii**, 294.

Closure, skull-defect of, **xliv**, 752, **xlvi**, 122.

Foot, resection of, **vii**, 296.

Necrotomy, **xvii**, 626.

Operation, foot, resection of, after Wladimiroff-Mikulicz, **v**, 161, 553; for defect in tibia, **xxii**, 510; for nose, **v**, 59; for repair of bony defect in cranium, **xv**, 472; for spina bifida, **v**, 168.

Resection of ankle-joint, **xliv**, 792; of foot, **iii**, 425, **viii**, 156, **xxvi**, 403, 404; of prepelvic wall to expose bladder, **ix**, 303; of skull, **xlvi**, 645, 830; of skull, for intracranial hemorrhage, **xliv**, 621; of tibia, **xliv**, 792; of vertebral laminae, **xli**, 372; value of Wladimiroff-Mikulicz operation, **ix**, 234.

**Osteoplasty**, histological considerations of, **xx**, 612.

König's method of, modification of, **xxiii**, 325.

Tibia, after extensive osteomyelitis of, **xliv**, 425.

Tibiofibular, **xxiv**, 48.

Review of Book: Osteoplasty, by Gluck, **xxiii**, 312.

**Osteosarcoma** of clavicle, **ii**, 343.

**Osteomoclasia**, **xxvii**, 788, **xxviii**, 120.

**Osteotomy**, **vi**, 44.

Adolescent rachitis, for, **xliv**, 453.

Ankylosed joints, of, **viii**, 230.

Bow-leg, for, **xxxvi**, 450.

Club-foot, for, **xxviii**, 517.

Deformity, for, **iii**, 102.

Femur for genu valgum, of, **i**, 492; upper end of, **ii**, 169, 170.

Flatfoot, astragaloid, in, **ii**, 279.

Hammer toe, for, **viii**, 460.

Hip ankylosis, in, **xliv**, 873.

Metallic suture, and, humerus, fracture of, ununited, without benefit, for, **xvi**, 46.

Osteoclasia, and, **ii**, 166.

Talipes equinovarus, inveterate, treated by, **v**, 201, **xii**, 421.

Vicious union, for, **xviii**, 662.

**Osteotuberculosis**, joints, of, with large sequestra, click of polished bone surfaces in the diagnosis of, **xxii**, 807.

**Os trigonum**, Röntgen rays, detected by, **xxxvii**, 855.

**Otitis**, brain symptoms, with, acute suppurative, **ix**, 28; cranium, of flat bones of tuberculous, **iii**, 413; epistaxis, from tamponade in, **viii**, 126; lateral sinus, pyemic

- thrombosis of, operation for, from acute, xviii, 73.
- Media, caries from, operative treatment of, i, 580; cerebral abscess in connection with, viii, 208; cerebral abscess, leading to, xxiii, 66; thrombosis, leading to, of the cerebral sinuses, xxiii, 114.
- Otorrhœa**, cerebral abscess after, successfully operated on, xvii, 613.
- OTTENBERG, REUBEN: Transfusion and arterial anastomosis, xlvii, 486.
- OTTOLENGUI, R.: Cleft palate, operative treatment of, xliii, 139.
- Ovarian** cysts, par-, iii, 357; pedicle of, torsion of, v, 451, 452; pedicle, with twisted, xlii, 790; thrombosis of pulmonary artery after removal of large, xli, 143; unusual symptoms in, xxii, 115.
- Cystoma, enormous, xviii, 326; malignancy of, iii, 266.
- Hernia, xv, 151.
- Tumors, malignant, treatment of, xi, 397; mammoth, xxxi, 87; pedicle of, spontaneous torsion of, xix, 440; suppuration and rupture of, xxv, 748.
- Review of Book: Observations on Ovarian Tumors, i, 187.
- Ovaries**, adenoma of, xxxii, 611.
- Cyst of both, dermoid, iii, 263.
- Fallopian tubes, and, removal of, iii, 102, 241.
- Metrorrhagia, extirpation of, for, xi, 79.
- Papillomatous tumors of, xvii, 606.
- Removal of, v, 172, vi, 41.
- Results, remote, of the removal of both, xxvii, 125.
- Tait's operation, removal of, by, ii, 518.
- Reviews of Books: Chirurgie des ovaires et des trompes, xxxix, 151; Diseases of the Ovaries, by Olshausen, iii, 185; Surgical Diseases of the Ovaries and Fallopian Tubes, by Bland-Sutton, xv, 409.
- Ovariectomy**, i, 162, iii, 102, 241, 357.
- Conservative, iv, 368.
- Cystomata, subserous papillary, for, v, 88.
- Details of, vii, 321.
- Hemorrhage, secondary intra-peritoneal, followed by, vi, 274.
- Ileus, followed by, xi, 409.
- Intestinal obstruction, for, v, 157; for relief of, iii, 89.
- Remarks on a series of cases of, iv, 452.
- Woman, in a seventy-six year old, xi, 399.
- Review of Book: Report of Fifty-four Consecutive Ovariectomies, by Butler-Smythe, xxv, 518.
- Ovaritis**, operative treatment of chronic, xxviii, 253.
- Salpingitis, and, experimental study of the pathological anatomy and bacteriology, xxiv, 315.
- Ovary**, cysts of, colossal dermoid, xlv, 90; intermittent, xxv, 529.
- Cystoma of, colossal, xv, 152.
- Fibroma of, xxxvii, 468.
- Hernia of, removal of, vi, 96; inguinolabial, in sac of, xxi, 691; strangulated, of, in an infant, xlv, 958.
- Malignant growths of, frequent and operative treatment of, vi, 272.
- Operation for prolapsed, iv, 365.
- Papilloma of, xxii, 268.
- Sarcoma of, xxi, 706, xxxi, 763, xli, 300, 946, xlv, 306; in a child, xlviii, 619.
- Tooth-bearing dermoid cyst of, xvii, 328.
- Tumor of, enormous, xix, 95.
- Overalls**, operating, xxi, 287.
- Overlapping** aponeurosis, wounds, abdominal, in suture of, xlv, 159.
- OWEN, EDMUND: Note on acute periostitis of the femur in children, xlii, 443.
- OWENS, JOHN E.: Blastomycetic dermatitis, xxx, 545; cerebral tumor, xli, 655, 794; hip-joint, complications in fracture in-



volving, xxxiii, 726, 801; fractures of the spine, xxxviii, 314; fractures of the vertebrae, xxxviii, 388; treatment of perforating wounds of abdomen, xxxix, 472.

**Oxygen**, anæsthesia, simultaneous

use of, with ether for general, xxviii, 272; intra-abdominal administration of, xlix, 305.

Gas, ether, with, as an anæsthetic, xxiii, 194.

**Ozoena**, nature of, x, 373.

## P

**Pachymeningitis**, after middle otitis, ix, 137.

**PACKARD, FRANCIS B.**: Foreign bodies introduced into the male bladder per urethram, xxv, 568.

**PACKARD, J. H.**: Ambulatory treatment of fractures of leg, xxiii, 472; case of inguinal colotomy, xix, 696; further considerations on the anatomy of oblique inguinal hernia, xxiv, 16; rupture of urethra, xxi, 714; treatment of compound fractures of lower extremity, xxiii, 455.

**Pædiatrics**, The Practice of Pædiatrics, edited by Walter Lester Carr (review of), xlviii, 946, xlv, 799.

**PAGE, H. W.**: Traumatic ruptures of ureter, xix, 513.

**Paget's disease**, xxviii, 716.

**Pain**, nature's mode of obtunding, xxxvi, 474; treatment of, after teeth extraction, ix, 454.

Review of Book: Pain, by Dent, vii, 479.

**Palate**, Billroth's operative method for fissure of, xii, 50.

Carcinoma of inner side of cheek, involving hard, xlviii, 313.

Cleft, iv, 70; Davies-Colley operation for, xx, 228; operative treatment of, xviii, 466, 467; successful closure of, xxv, 184; treatment, iii, 419.

Endothelioma of, xlv, 781.

Fauces, and, epithelioma of, xlvii, 128.

Gunshot wound of, v, 351.

Hard, operation for relief of aggravated fissure of, xi, 361.

Mortality of operations for harelip and cleft, v, 60.

New method of temporarily resecting the, xxix, 529.

Osteoma of, xxxiii, 776.

Tonsils, and, epithelioma of, xxxvi, 259.

**Palm**, synovial sac and tendon sheaths of, vii, 296; treatment of retraction of fascia of, vii, 57.

**Palmar fascia**, Dupuytren's contracture of, xxxvi, 973.

**Paludism**, viii, 474.

**Pancreas**, abscess of, xxx, 232, xlv, 960.

Ascites, chylous, and, xiv, 506.

Carcinoma of, xiv, 506, xxvii, 371, 535, xxx, 233, xxxix, 609; of head of, xl, 445.

Cysts of, v, 261, xix, 492, xxxii, 723, xlii, 130; case of, xxii, 771; diagnosis and treatment of, viii, 389.

Diseases of, complicated, vii, 392; value of Cammidge reaction in diagnosis of, xlix, 183, 293.

Fat necrosis of, xxxii, 733; rôle of, in etiology of, xxiii, 108.

Gunshot wound of, v, 335, xli, 724.

Malignant growth of head of, xliii, 473.

Operative treatment of diseases of, xxxvi, 59.

Pseudocyst of, xli, 950.

Relation of affections of gallducts to, xxxviii, 924.

Rupture of, xxxvii, 108; cure of, xlv, 788.

Surgery of, v, 330, xxiv, 665, xxxiii, 503, xxxviii, 1; contribution to, xxi, 210.

- Surgical treatment of cysts of, ii, 272.
- Traumatic cyst of, xxxii, 708; injuries of, vi, 438; rupture of, xlvii, 619; with fistula, xxviii, 337.
- Tumors caused by effusions into the lesser peritoneal cavity simulating cysts, xvii, 94.
- Review of Books: Diseases of the Pancreas, by Opie, xxxviii, 463; Surgery and Pathology of the Pancreas, by Mayo-Robson and P. C. Cammidge, xlviii, 799.
- Pancreatic cyst**, xvi, 571, xviii, 227, xxv, 491, xxix, 760; laparotomy for, xii, 280; pathology and surgical treatment of, xxxvii, 226.
- Diseases, diagnosis of, as related to the surgery of the liver, x, 169.
- Fistula, xxxi, 625.
- Pancreatitis** (see Hemiplegia), acute, xlv, 841, xlix, 292, 834; acute hemorrhagic, i, 1234; with cholelithiasis, xliii, 143; death, cause of, xlv, 789; diagnosis and treatment of, xxxviii, 603, 726; hemorrhagic, xlv, 723, xlix, 248; suppurative, xxxvi, 494, xlv, 304.
- Cholecystotomy for, xlv, 959.
- Chronic, xxxix, 588; resembling carcinoma, xlv, 315.
- Gangrenous, xxxvii, 942.
- Hemorrhagic, pathogenesis and therapy of, xxxviii, 917.
- Interstitial, xxxv, 105.
- Subacute, with gall-stones, xlv, 320.
- Surgical conception of, i, 736; treatment of, xxxiii, 216.
- Pancreato-enterostomy and pancreatectomy**, i, 1238.
- PANTON, A. C.**: Case of Recovery from Perforating Typhoid Ulcer after Operation, xxvi, 219.
- PANUM, J.**: Treatment of club-foot, xviii, 597.
- Papilloma** of bladder, xv, 75-138; of larynx, cricotomy for, v, 511; of colon, multiple, treated by appendicostomy, xxxix, 269; of ovary, with fibroid of uterus, xxii, 268.
- Papillomata**, multiple, extirpation of, xxxiii, 198.
- Papillomatous tumors** of ovaries, xvii, 606.
- Paracentesis abdominis**, an improved trocar for, iv, 387; of pericardium, ii, 416, 417; thoracis for empyema, iii, 83, v, 358.
- Paraffine** moulds for plaster casts, ii, 478.
- Injection and implantation upon nose, xlv, 756.
- Paralysis** of arm, postoperative, xxxv, 109.
- Bladder from carbolyzed dressings, ii, 85.
- Central narcosis, case of, xxv, 797.
- Facial, affections of hearing in, i, 279.
- Forearm, Volkmann's ischæmic, xlvii, 459.
- Hysterical, in syphilitic subjects, vi, 282.
- Infantile, iii, 102, 354, 362; anastomosis of the external and internal popliteal nerves for, xlv, 453.
- Laryngeal, from acute laryngitis, viii, 305.
- Narcosis, from pressure during, xxv, 203.
- Postanæsthetic, cases of, xxx, 226.
- Radial nerve following fracture, iv, 68.
- Spinal accessory nerve, operative, xxxiii, 558.
- Spondylitic, operative relief of, xii, 355.
- Treatment of infantile spastic, xxxvii, 415.
- Trephining, relieved by, xiv, 404.
- Review of Book: Paralysis from Peripheral Neuritis, by Buzzard, v, 176.
- Paralytic joints**, operations on, viii, 320, xii, 396.
- Paranephritic abscess**, ii, 338.
- Paraplegia**, angular curvature due to, later results of laminectomy for, xvii, 491.
- Cancer of spine, from, iv, 176.
- Cure of case of, from spinal

- fracture, after early laminectomy, **xxi**, 46.
- Laminectomy for Pott's, **xvi**, 289.
- Spinal cord, from pressure on, operations for, **viii**, 279; fracture, from, **xxi**, 49.
- Syphilis, in, **ii**, 256.
- Traumatic, operations for the relief of, **xx**, 153, 184.
- Trephining of cervical vertebrae for relief of, **iii**, 490.
- Tuberculous disease of the spine, result of, **xlili**, 309.
- Parasites** in the development of certain tumors, **iv**, 352.
- Parathyreopriva**, tetany, **xlvi**, 507.
- Parathyroid** emulsion, tetany following thyroidectomy cured by the subcutaneous injection of, **xlvi**, 161.
- Glands, **xlvi**, 523.
- Glandules, blood supply and preservation in operation upon thyroid gland, **xlvi**, 489.
- Parathyroid question, **i**, 84.
- Paretics**, general, abnormal frangibility and delayed and non-union of fractures of long bones in, **vi**, 28.
- PARHAM, F. W.**: Vesico-intestinal fistulae, **i**, 251.
- Parietal incision**, abdominal surgery in, **xxi**, 365.
- Paris surgical clinic**, **vii**, 283.
- PARK, ROSWELL**: Beginnings of the Annals of Surgery, **i**, 1345; case of perforating gunshot wound of stomach and liver, **xxxvi**, 228; choking with bismuth paste after laryngectomy, **i**, 347; extensive thoracotomy for sarcoma of the chest wall, **viii**, 254; importance to the surgeon of familiarity with the bacillus coli communis, **xviii**, 293; lectures on surgical pathology, **xiii**, 16, 284, 378, 445; lipoma testis, **iii**, 365; mixed and secondary infections, **xiv**, 374, 475, **xv**, 40; Mütter lectures, **xiv**, 50, 125, 225, 296, 374, 475; actinomycosis, **xiv**, 225; anthrax, **xiv**, 236; antiseptics, **xiv**, 59; glanders, **xiv**, 248; malignant cedema, **xiv**, 240; peritonitis, **xiv**, 50; pyoktanin, **xiv**, 66; rauschbrand, **xiv**, 245; removal of a malignant polyp from the base of the skull, **xviii**, 413; results of division or resection of pneumogastric or phrenic nerves in the neck, **xxiii**, 145; splenectomy for leukæmic enlargement, **viii**, 380; spontaneous gangrene of the hollow viscera, **xxxix**, 554; the surgery of the lungs, **v**, 385; surgical diseases of microbic origin, **xiv**, 225; tetanus, **xiv**, 138; tetany, **xiv**, 125; total extirpation of the larynx, **iii**, 28; tuberculosis, **xiv**, 298; tuberculous glands, **ii**, 71; tuberculous surgical affections, **i**, 233, 466.
- PARKER, CHARLES THORNDIKE**: Complications of cholelithiasis, **xvii**, 639; leontiasis ossea, **xv**, 367; operative treatment of ulcer of stomach, **xxiii**, 733; rupture of intestine, **xvii**, 590.
- PARKES, CHARLES T.**: A review of some facts connected with gunshot wounds of the abdomen, and practical deductions therefrom, **vi**, 369; gunshot wounds of small intestines, **i**, 46; the pathology, etiology and treatment of hip-joint disease, **xv**, 249.
- Parkhill clamp**, in ununited fractures, results of use of, **xxxi**, 327.
- PARKHILL, CLAYTON**: Biographical sketch, **xxxv**, 674; craniotomy for microcephalus, **xix**, 502; use of the bone clamp in ununited fractures, fractures with malunion, and recent fractures with tendency to displacement, **xxvii**, 553.
- Paronychia** (see Felon).
- Parotid**, carcinoma of, recurrent, **xl**, 257.
- Gland, angiomata of, **xi**, 280; carcinoma of, **xxx**, 219; enchondroma of, **xviii**, 239; endothelioma, recurrent, of, **xxxviii**, 111; inflammation of, **xxiii**, 193; removal of neoplasms of both, **vi**, 152; tuber-

- culosis of, **xxxvi**, 945; tumor of, **xxx**, 730, **xxxix**, 57.  
 Hydatid cysts of, **ii**, 157.  
 Sarcoma of, **xxxv**, 656.  
 Tumor of, **xl**, 624.
- Parotitis**, abdominal injuries after, **xl**, 886.  
 Appendectomy, following, **xl**, 735.  
 Mastitis, and, massage in, **xii**, 222.
- Parovarian cysts** after simple puncture, recurrence of, **iii**, 357.
- PARSONS, HAROLD C.**: Post-typhoid bone lesions, **xxii**, 623.
- Partial resection** of cæcum for gangrenous typhlitis, **xv**, 483.
- Parturition** (see Laparo-elytrotomy, Obstetrics, Uterus).
- Passive motion**, use and abuse of, **v**, 305.
- Patella**, aponeurotic suture for fracture of, **xxxvii**, 962.  
 Arthrotomy for suture of recent simple fractures, propriety of, **xii**, 401.  
 Coaptation fork for treating fracture of, **i**, 464.  
 Congenital absence of, **vii**, 68; of both, **xxv**, 197.  
 Dislocation of, **xi**, 102, **xviii**, 654, **xxxv**, 636, **xlvi**, 723; congenital, of, **xxxi**, 679, **xxxix**, 452; external vertical, **xvii**, 498; permanent, operation for cure of, **xxix**, 62; plastic operation for congenital habitual, **xl**, 776; with rotation of its horizontal axis, **xli**, 107.  
 Fracture of, **iii**, 261, **v**, 401, **xxxiii**, 487; arthrotomy for, **xlvi**, 718; contra-indications to immediate suturing of, **xiii**, 31; extension apparatus for treating, **xxii**, 682; multiple, suture for, **xxxii**, 708; old, **xlvi**, 455; old, badly healed, **viii**, 157; operative results in an, **xliv**, 452; old, treated by wiring, **xxii**, 671; treatment of, **xxii**, 661, 671, 677, 725; new operative method of treatment, **xxi**, 621; recent, **xviii**, 592; results of non-operative treatment of, **xi**, 389; transverse, without separation, **xxi**, 312; suture of, **viii**, 186, **xxxix**, 1021; treatment of, **viii**, 158, **xxiv**, 45, 229, **xxvii**, 601, **xxviii**, 216, 262, **xl**, 571; by massage, **xvii**, 624, **xxi**, 602; by open operation and suture of the fragments, **xlvi**, 828; by opening the joint and wiring the fragments, **iii**, 101; by suturing the capsule, **xxxix**, 383; by wiring, **xxxvi**, 145.  
 Fractured, extensive apparatus for, **xxxi**, 635; immediate wire suturing of, **v**, 518; technic of suture of, **xxix**, 310; treated by wiring, **ii**, 64, 159, 246.  
 Knee, fracture of, followed by excision of, **xxix**, 490; wound in, excision of, **xxxvii**, 945.  
 Ligament of, detached, **xviii**, 438.  
 Malgaigne's hooks for fractured, **xxii**, 111, 112.  
 New operation for fracture of, by metallic suture, **iv**, 227; treatment of fracture of, **iv**, 83.  
 Operative interference, question of, in recent, simple fractures of, **xxviii**, 67; treatment of, **xxi**, 602.  
 Pathology and treatment of recent fractures of, **xxxix**, 138.  
 Perforation of upper portion of joint capsule after fracture of, **xii**, 305.  
 Pseudoarthrosis, **xxix**, 362.  
 Results of wire suture in treating fractures of, **i**, 491.  
 Robson's method for treating, **x**, 393.  
 Rotary dislocation of, **xvii**, 106.  
 Rupture of ligament of, **xxxvii**, 460.  
 Structure, fracture, and refraction of, **xxxii**, 749.  
 Suture of compound fracture of, **ix**, 154.  
 Transverse division of, with incised wound of knee-joint, **xiii**, 145; fractures of, **v**, 177; treatment of, **xii**, 308; of old, **vi**, 85; and results of, **iii**, 439.  
 Vertical fractures of, **x**, 218.

- Wire, silver, in open suture of broken, **xliv**, 791.
- Wiring of fractured, **viii**, **i**, **xxxiii**, 194.
- Patellæ** ligamentum, operative treatment of rupture of, **iii**, 189.
- Rupture of, **xxxix**, 603; subcutaneous, **xxxiv**, 446.
- Review of Book: Congenital Absence of Both Patellæ, by William Barton Hopkins, **xxv**, 197.
- Patellar** attachment, rupture of quadriceps femoris, **xviii**, 98.
- Ligament, inflammation of bursa beneath, **xi**, 299.
- PATERSON, HERBERT J.**: Jejunal and gastrojejunal ulcer following gastrojejunostomy, **i**, 367.
- Pathogenic tissue**, lactic acid as a destroyer of, **iii**, 231.
- Pathology** (see Histology) of tumors, **iv**, 272.
- Reviews of Books: *Eléments de pathologie et de clinique chirurgicales*, par le Dr. Leon Moynac, **xl**, 769; *General Surgical Pathology*, by Baudry, **viii**, 474; *Hand-book of Pathology*, by Schmaus, **xxxvii**, 475; *Introduction to Morbid Anatomy and Pathology*, by Green, **xxiii**, 253; *Manual of Pathological Technic*, by Mallory, **xxvii**, 395; *Surgical Pathology*, by Landerer, **vii**, 235; *Text-book on General Pathology*, by Ziegler, **xlix**, 441.
- PATTERSON, FRANCIS DENISON**: Congenital defect in the ulna, **xlviii**, 296.
- PATTERSON, R. V.**: Modified Müller operation for flat-foot, **xliii**, 765.
- PAUL, THOMAS M.**: Fracture of pelvis, **xxxiii**, 733.
- PAYR, DR.**: Extirpation of prostate, **xlvi**, 946.
- PEASE, GEORGE N.**: The value of the leucocyte and differential counts in appendicitis, **xlix**, 385.
- PEASE, HERBERT D.**: The serum-therapy of tetanus, **xliv**, 791.
- PECK, A. P.**: Electrolysis of uterine fibroma, **viii**, 383.
- PECK, C. H.**: A method of drainage of the ankle joint, **xliv**, 619; acute hemorrhagic hepatitis, **xlii**, 597; aneurism of the second and third portions of the right subclavian artery, **xliii**, 923; calculi in the common duct, **xl**, 593; carcinoma of the rectum, **xlix**, 139; chronic tenosynovitis, **xli**, 778; condition of intestine two years after extensive resection, **xxxviii**, 451; cystotomy for large vesical calculus not demonstrated by the X-ray, **xlv**, 766; cysts of the suprarenal bodies, **xlv**, 301; distention of maxillary antrum, **xxxvii**, 947; drainage of the knee-joint in severe infections by the transverse incision, **xlv**, 409, 465, 466; excision of the rectum for carcinoma, **xlvii**, 280, 286; foreign body in a bronchus, **xliii**, 449; gangrenous strangulated hernia, **xl**, 119; gastrectomy for carcinoma, **xlv**, 127; intestinal obstruction following operation for appendicitis, **xl**, 123; large incarcerated hernia, **xxxix**, 293; malignant disease of stomach, **xlv**, 753; nephrectomy for hypernephroma, **xlv**, 619; for renal calculi, **xxxix**, 1018; multiple septic infarcts of the right kidney, **xliv**, 622; operations for neoplasms of tongue, **xlv**, 629; for typhoid perforation, **xlii**, 931; operative treatment of cleft palate, **xliii**, 5, 138; of heart wounds, **i**, 100; partial enterocoele, **xxxix**, 298; perforated gastric ulcer, **xl**, 116; generalized peritonitis, **xliii**, 928; perforating ulcer of stomach, **xlv**, 772; perforative lesions of stomach, **xlv**, 753; perineal prostatectomy, **xlviii**, 306, **xliv**, 616, 618; postoperative intestinal obstruction, **xl**, 510, 598; plastic operation after excision of epithelioma of cheek, **xxxviii**, 113, **xxxix**, 813; remarks on appendicitis, **xl**, 764; resection of ileo-



- cæcal junction for fecal fistula, **xlii**, 600; of ileum for Murphy button retained in a Meckel's diverticulum, **xlix**, 134; retropharyngeal sarcoma, **xl**, 270; severe laceration of abdominal wall, **xl**, 414; simple fracture of the carpal scaphoid, **xlvi**, 130; status of a case four months after right nephrostomy, **xl**, 458; splint for fracture of jaw, **xxxix**, 294; subphrenic abscesses, **xlvi**, 630; suppurating thrombus of the lateral sinus, **xli**, 942; suppurative synovitis of knee, **xl**, 453; suture of the ilio-femoral vein for stab wound, **xl**, 126; of stab wound of heart, **xlix**, 135; tack in appendix, **xxxvii**, 950; tenosynovitis of flexors of hand and wrist, **xlvi**, 617; torsion of omentum, **xxxviii**, 101; traumatic aneurism of thyroid axis, **xliii**, 932; tumor of male breast, **xxxviii**, 450; ultimate results of neurectomy for torticollis, **xli**, 769; ureterostomy and nephrostomy for hydronephrosis, **xlvi**, 315.
- PECK, GEORGE:** Suppurative arthritis of the knee, **xlvi**, 467.
- PEDERSEN, VICTOR C.:** Acute œdema of the lungs, secondary to ether narcosis, **xliii**, 15; an irrigating sound of the standard and Beniqué types, **l**, 770; regulable dropping device for administration of anesthetics, **xli**, 120.
- Pedicle**, ligature *en masse* in abdominal surgery, substitute for, **x**, 295.
- Ovarian cysts, of, torsion of, **v**, 451, 452; with twisted, **xlii**, 791.
- PEGRAM, JOHN., JR.:** Penetrating bullet wound of abdomen, **xlii**, 83.
- Pelvic** abscess, drainage of, **iv**, 351; in the male, **iv**, 245; and rectal drainage, **xlvi**, 1034, 1063; rupture of, into bladder, **xxxv**, 106; simulating soft fibroid tumor of the uterus, **iv**, 455; in women, **iii**, 444, 532.
- Bones, echinococcus of, **xv**, 146.
- Connective-tissue dermoids, **xl**, 929.
- Fibromata, subperitoneal, **xli**, 823.
- Hemorrhage after laparotomy, **iii**, 241.
- Inflammation, **xvi**, 473.
- Operations by sacral route, Czerny on, **xviii**, 561.
- Suppuration, **xvi**, 584; treated by vaginal hysterectomy, **xvii**, 629.
- Tubercular osteitis, **xxiv**, 374.
- Tumor, compressing prostatic urethra, **xix**, 468.
- Pelvis**, extension apparatus for the application of plaster bandages to the lower extremities and the, **xx**, 617.
- Femur, and, fracture of, **xl**, 969.
- Fracture of, **viii**, 154, **xxxiii**, 733, **xxxv**, 288, **xlvi**, 447, **xlix**, 573; complicated by extraperitoneal rupture of the bladder, **xxvii**, 151; indirect, **x**, 392; with laceration of urethra, **xlix**, 86; with rupture of the abdominal wall, **xlix**, 433.
- Injury of, with intraperitoneal hemorrhage, **xxvi**, 127.
- Relation of peritoneum of, to bladder, **vii**, 22.
- Supporting stool, **xxxi**, 643.
- Tumors starting in, extirpation of, **vii**, 338.
- Penis**, amputation of, **vi**, 31, **xi**, 143, **xii**, 286; for epithelioma, **xx**, 178.
- Cancer of, **iii**, 412.
- Carcinoma of, **xxxii**, 738, 831; dissemination and prognosis of, **xxxi**, 768; following circumcision, **xxxv**, 655; operation for, **xxix**, 342; operative treatment of, **xxii**, 472; technic for, **xlix**, 240.
- Cirrhosis and amputation of, **v**, 18.
- Coition, injury to, during, **xi**, 386.
- Complete denudation of, **xlix**, 238.

- Curvature of the, radical treatment for, **xxxi**, 717.  
 Dislocation of, **xi**, 291.  
 Epithelioma of, **xvi**, 890, **xlviii**, 449, 450.  
 Flaying of, **iii**, 351.  
 Fracture of, **iii**, 250.  
 Horny growths of, **vii**, 299.  
 Hypertrophy of, cases of, **xxix**, 167.  
 Malignant disease of the, treatment of, **xxvii**, 210.  
 Melanosarcoma of, **vii**, 300.  
 Phagedæna of, **xxxv**, 586.  
 Scrotum, and, traumatic lesions of, **ix**, 386.
- PENROSE, CHARLES B.**: Cases illustrating fracture in the lower animals, **xxxviii**, 888; implantation of cut ureter into bladder, **xx**, 696; notes on carcinoma of fundus uteri, **xxix**, 741, 763; pancreatic cyst, **xxv**, 491; secretion of urine after abdominal sections, **xxi**, 184; tetanus after trachelorrhaphy, **xxvii**, 231, 236; the ligature in oöphorectomy, **xxiv**, 35, 63; use of bacteriological examinations to determine necessity for abdominal drainage, **xx**, 424.
- Pental**, **xvii**, 86; anæsthesia from, **xvi**, 163.
- Peptic ulcer** of the jejunum, **xl**, 186; of stomach, after gastroenterostomy, **xxxviii**, 913.
- Perforated gastric ulcer** successfully treated by abdominal section, **xxiii**, 122.
- Perforating gastric ulcer**, operation for, **xli**, 289.  
 Typhoid ulcer, operation for, **xli**, 287.
- Ulcer, spina bifida and, **viii**, 56.
- Perforation** of eye by knot of a whip, **ix**, 294; of the fixed portions of the posterior duodenum, treatment of, **xxxix**, 727; of skull, by iron rod, **xliv**, 460.
- Pericæcal abscess**, appendicitis without, **xxvii**, 786.
- Pericardiotomy** for tuberculous effusion, **xlix**, 261.
- Pericarditis**, suppurative, **xlix**, 60, 142; following appendicitis, **xxxiv**, 548; surgical treatment of, **xxxi**, 659, **xxxii**, 769. treated by drainage, **xlv**, 130.
- Pericardium**, gunshot wounds of, **xxxi**, 658.
- Paracentesis** of, **ii**, 416, 417, **xxxiv**, 823.
- Purulent pericarditis**, drainage of, in, **xviii**, 240.
- Stab wound** of, recovery after resection of rib and suture, **xxi**, 147.
- Surgery** of, **xlvi**, 934.
- Tuberculosis** of the, cured by incision and drainage, **i**, 350.
- Pericolonic peritoneal adhesions**, abdominal section for, **xlv**, 624, 626.
- Pericranium**, cranial bones without, reproduction of portion of, **vii**, 463, 465.
- Perineal dislocation** of hip, **xxxvi**, 292.
- Drainage** in urethral stricture, **xv**, 396.
- Enterocoele**, **iii**, 180.
- Fistula**, result of operation for, **xxxiii**, 47; urethro-, **iv**, 461.
- Hernia**, **vii**, 314.
- Prostatectomy**, **xvi**, 459, **xli**, 310, **xliii**, 619, **xliv**, 616; conservative, **xli**, 549; technic of, **xli**, 580.
- Section**, **xv**, 142-332; new method of, without guide, **xxxviii**, 518; for urethral stricture, **xliii**, 454.
- Urethrotomy**, **vi**, 8; preliminary to plastic operations on the urethra, **ii**, 82; for urethral calculi, **iii**, 435.
- Perineorectal fistula**, traumatic, **xvi**, 90.
- Perineotomy**, **x**, 335.
- Perinephric abscess**, **xlvii**, 1024, 1053; bilateral, **xxiii**, 440; due to calculus in ureter, **xli**, 764.
- Perineum**, hernia, traumatic, into, **ix**, 66.
- Lithotrity** by, **ix**, 390.
- Operation** for complete laceration of, **iv**, 366.
- Perirectal abscesses** in, incision of deep, **viii**, 56.
- Rectovaginal septum** and, rupture of during coition, **xi**, 387.

- Subpubic section of, high (see also Prostate), ix, 389.
- Treatment of lacerations of, ii, 171.
- Reviews of Books: Laceration of the Perineum, by Zweifel, vi, 367; The Perineum, by Robinson, xxvii, 396.
- Peri-oesophageal abscess**, containing foreign body, xliii, 769.
- Periorchitis hemorrhagica**, i, 371.
- Periosteum** (see Pericranium) grafting, ii, 514; in repair of bone, vi, 290, 389.
- Periostitis**, abscess, cerebral, subsequent to orbital, iv, 334; acute, of the femur in children, xiii, 443; albuminosa, xi, 394, xix, 746; during and after typhoid fever, ii, 345; of the orbit, suppurative, vii, 451.
- Periproctal abscesses**, treatment of, xii, 395.
- Perirenal lipomata**, retroperitoneal, xlv, 60.
- Perithelioma of bone**, xlii, 358.
- Peritoneal abscess and laparotomy**, vii, 461.
- Adhesions after laparotomy, xxxvi, 961.
- Cavity, drainage of, xi, 338, xxvi, 250; faeces, inundated by, recovery after abdominal section, xiii, 212; foreign bodies in, statistics of, xxiv, 365; after and during laparotomy to prevent shock, use of hot water in, vi, 160.
- Effusion, acute, as a symptom of intestinal strangulation, xxx, 653; resembling bile in color, xlv, 718.
- Incision for tumors of the kidney, retro- and intra-, iv, 445.
- Pericolonic adhesions, abdominal section for, xlv, 624, 626.
- Pseudomyxoma of spleen and colon, penetrating, xlv, 839.
- Rupture of bladder, method of early diagnosis of intra-, v, 556.
- Tuberculosis cured by laparotomy, xvii, 618; surgery of, xlv, 145.
- Review of Book: Drainage of the Peritoneal Cavity, by Delbet, xii, 250.
- Peritoneum** (see Laparotomy), ability of the, to overcome sepsis, xxxii, 139; absorption of fluids by the, observations on, xxv, 332; chemical and microparasitic irritants upon, effect of, xxiii, 225; drainage of, xxxii, 143; excision of a large piece of parietal, ii, 76; exclusion of dead spaces from cavity of the, vii, 451; fibroma of the, xl, 604; formation of adhesions between adjacent surfaces, xxii, 812; histology of union of folds of, ix, 75; laparotomy after washing out, viii, 318; lymphatics of the, pathology of, xxxi, 214; in man, anatomy of, ii, 264; palliative incision for tuberculosis of, vi, 504; parietal, as material for sutures, xxiii, 320; pseudotuberculosis of, xliii, 359; relations of bladder to the, vii, 22; sarcoma of, primary, xlviii, 848; serous coat of blood-vessels compared with, xlviii, 18; tuberculosis of, xxxiv, 765, 771, 830.
- Review of Book: The Peritoneum, by Robinson, xxvii, 396.
- Peritonitis** (see Appendicitis), xiv, 50.
- Acute general, without demonstrable lesion, xlv, 917, 952; acute, appendicostomy in conditions of, l, 1334.
- Appendicitis, following, treatment of diffuse suppurative, xlv, 197.
- Children, in, from unknown sites of infection, xlviii, 821, 932.
- Cholecystitis, following, xxxiv, 831.
- Chronic, laparotomy in, x, 293; treatment by permanent drainage, xiv, 422.
- Diffuse, xxxvii, 932, xlviii, 130, 1, 1303; from gangrene of appendix, recovery from, xxxvii, 431; septic, drainage in, xlii, 75.

- Drainage in acute spreading, **xlii**, 316.
- Extensive, **xlix**, 709; following appendicitis, recovery, **xxxiv**, 828.
- General, with enterostomy, **xli**, 944; with persistent fecal fistula, **xlvi**, 153; purulent, **xliv**, 708; recovery from, **xxxvi**, 443; septic, treatment of, **xxi**, 179, **xxv**, 687, **xxvi**, 235, 515; due to appendicitis, treatment of, **xviii**, 42.
- Generalized, **xliii**, 930.
- Gonococcus, **xlviii**, 924.
- Gonorrhœa as a complication of, in the male, **xxi**, 140, 175.
- Gonorrhœal, **xxxvii**, 619; acute diffuse, **xlvi**, 111.
- Inflammation and perforation of Meckel's diverticulum, from, **xxxvii**, 297.
- Intestinal paralysis of, treated by enterostomy, **xxix**, 1, 115.
- Operations for general, exclusion of actinic rays of light during, **xxxvii**, 798.
- Operative treatment of acute diffuse putrid-purulent, **v**, 527; of perforative, **x**, 289, 292.
- Pathology of, **v**, 120.
- Perforation, from, laparotomy for, **ii**, 268.
- Perforative, treatment of, **xlvi**, 870, 1045.
- Peritoneal cavity, due to catheter in, **xxxviii**, 446.
- Pneumococcus, **xxxviii**, 918; due to, **xl**, 698.
- Puerperal, general, **xliv**, 203.
- Purulent, surgical treatment of, **ix**, 379.
- Recurrent pelvic, abdominal section for, **xvi**, 481.
- Septic, diffuse—due to appendicitis, results of treatment of, **xlvi**, 828; treatment of, septic, diffuse, **i**, 457; general, and appendicitis—recovery, **xxv**, 179.
- Suppurative, acute diffuse, **xliv**, 297; following perforating appendicitis, **xxii**, 397; treatment of, **xvi**, 170; without discoverable source of infection, **xvii**, 202.
- Surgical treatment of, **v**, 22, **vi**, 131, **xi**, 283.
- Treated by abdominal section, **xiii**, 148, 212.
- Treatment of, **xix**, 619; of diffuse, **xxxviii**, 265; septic, **xliii**, 231, 314; of perforating gastric ulcer due to, **xxv**, 213; of septic, by use of purgatives, **vi**, 160; of tubercular, **vi**, 71.
- Tubercular, **xvii**, 462, **xxxiii**, 208, **xlvi**, 95, 141, **xlix**, 265; cases of, **xix**, 85, 100; cure of, **xxv**, 737; with distention of gall-bladder, **xliii**, 790; effects of laparotomy upon, **xxiii**, 120; of infants, laparotomy, **xvi**, 394; laparotomy in, **xi**, 125; operative treatment of, **x**, 134; surgical treatment of, **xiii**, 146; in women, **xlii**, 755.
- Tuberculous, intestinal treatment of, **xxx**, 253.
- Unknown cause, from, **xxxvi**, 784.
- Vermiform appendix, starting from, surgical treatment of, **xiii**, 59.
- Review of Book: Etiology and Treatment of Peritonitis, by Reichel, **xii**, 43.
- Perityphlitic abscess** implicating right hip-joint, **ix**, 384; laparotomy for, **iv**, 242; operation for, **vi**, 78, 508; surgery of, **iii**, 424; treatment of, **x**, 382.
- Perityphlitis** (see Appendicitis), **iv**, 243.
- Mortality of, in Stockholm, **xviii**, 580.
- Operative treatment, early, **x**, 138, 434; experience in, **xvi**, 440.
- Pathology and therapy of, **xii**, 373.
- Perforation of vermiform appendix in relation to, **x**, 78.
- Resection of vermiform appendix in treatment of, early, **xii**, 373.
- Perivesical inflammation**, chronic, **xxiii**, 140, 284.
- PERKINS, G. W.**: Cases of fracture of styloid processes of ulna and radius by indirect violence, **xii**, 134; of hydronephrosis with calcification of

- cyst-wall, **xxi**, 698; of inguinal hernia, ovary, Fallopian tube, and cornu of uterus in sac, **xxi**, 691; of sarcoma of the tongue, **xxiii**, 585; of double consecutive castration for primary tuberculosis of testicle, **x**, 169; extraperitoneal exploration of the ureter followed by nephrolithotomy, **xxiv**, 196; fecal fistula of small intestine following operation for appendical abscess, **xxiv**, 726.
- PERKINS, JOHN W.**: Case of complete dislocation of the patella, **xviii**, 654; of hydronephrosis with stone impacted in ureter of a child, **xxvii**, 643.
- Peruvian balsam** and castor-oil mixture as a surgical dressing, **xxvi**, 329; in surgical practice, **xiv**, 158.
- Pes valgus**, correction of, **xxvii**, 375.
- PETERKIN, G. SHEARMAN**: The abdominal "suspender" bandage—the four-tailed genital bandage, **xlvi**, 922.
- PETERS, G. A.**: Operations for the radical cure of hernia and amputation of penis for cirrhosis, **v**, 15.
- PETERS, LINDSAY**: Resection of pendulous, fat abdominal wall in cases of extreme obesity, **xxxiii**, 209.
- PETTY, ORLANDO H.**: Fracture of the coracoid process of the scapula, **xlvi**, 469; caused by muscular action, **xlvi**, 427.
- PFARRE, J. A.**: On vulcanized rubber for handles to surgical instruments, **i**, 95.
- Phagedæna**, chronic, due to mixed infection, **xxxv**, 586.
- Phagedenic ulceration** of breasts, **xlvi**, 672.
- Phalanx**, fracture of, near epiphysis, **xlvi**, 761; dislocation, backward, of first, upon metacarpus, **iv**, 540.
- Phantom ureteral calculi**, **xlvi**, 313.
- Pharyngeal abscess**, post-, **vi**, 70.
- Occlusion, plastic operation for, **xxxiii**, 56.
- Tumors, removal of naso-, **ix**, 374.
- Pharyngotomy**, lateral, for extirpation of malignant tumors of tonsillar region, **iv**, 139; for removal of tonsillar tumors, **vi**, 502.
- Subhyoid, **i**, 580, **xxxi**, 376.
- Suprahyoid, preliminary to removal of tumors of the nasopharynx, **xlvi**, 932.
- Pharynx**, adenoid growths in, **v**, 69.
- Carcinoma of, operative treatment of, **xxii**, 445; Krönlein on, **xxvi**, 641.
- Cicatricial stricture of, cured by plastic operation, **xxxiii**, 152.
- Cocaine in surgery of, **iii**, 64.
- Common carotid artery wounded by fish bone through, **iii**, 234.
- Erysipelas of, **xii**, 226.
- Large visible pulsating artery on posterior wall of, **vi**, 67.
- Larynx, and, extirpation of, **xiv**, 417.
- Naso-, operations for removal of adenoid growths in, **iii**, 342.
- Removal of sarcoma of, **vi**, 156.
- Stenosis of, severe, relieved by operation, **xvii**, 705.
- Treatment of adenoid vegetations of the, **vi**, 502.
- Tubage of, in operations on mouth and face, **xxxvii**, 859.
- PHELPS, CHARLES**: Analytical and statistical review of one thousand cases of head injury, **xlvi**, 449, 593; question of early operation in intracranial injury, **xlvi**, 801.
- Phelps method** of treating club-foot, **viii**, 459; pigmentary syphilis, **viii**, 64.
- PHELPS, V. A.**: Fatal hemorrhage from trephining, **xxxviii**, 487.
- Philadelphia Academy of Surgery**, Transactions of, **xvii**, 711, **xviii**, 321, 434, **xix**, 248, 691, 696, **xx**, 84, 187, 422, **xxi**, 179, 181, 324, 326, 712, **xxiii**, 476, 479, **xxiv**, 55, 63, 749, **xxv**, 759, 763, **xxvii**, 101, 228, 672, 783, **xxviii**, 142, 385, 660, **xxix**, 263, 270, 497, 632, 760, **xxx**,



- 103, 350, **xxxi**, 503, 635, **xxxii**, 616, 714, **xxxiii**, 58, 62, 205, 208, 643, 768, 785, **xxxiv**, 187, 308, 316, 437, 584, 711, **xxxv**, 111, 279, 320, 651, 820, **xxxvi**, 145, 283, 450, **xxxvii**, 111, 447, 456, 623, 951, **xxxviii**, 119, 888, **xxxix**, 109, 302, 438, 600, 1021, **xl**, 135, 273, 422, **xli**, 143, 283, 461, 785, **xlii**, 124, 282, 611, 774, **xliii**, 150, 308, 318, 452, 766, **xliv**, 124, 302, 453, 708, 945, **xlv**, 303, 467, 632, 781, 968, **xlvi**, 315, 476, **xlvi**, 135, 295, 464, 632, 823, **xlvi**, 151, 470, 625, 787, **xlix**, 143, 276, 425, 723, 873, 1, 499, 648.
- The Samuel D. Gross prize of the, **xxix**, 660.
- Philadelphia College of Physicians**, transactions of the section on general surgery of, **xx**, 93, **xxi**, 77, **xxii**, 676, 801, **xxiii**, 200, 295, 408, 611, 750, **xxiv**, 223, 377, **xxv**, 182, 187, 487, 633, 747, **xxvi**, 130, **xxvii**, 93, 209, 374, 776, **xxviii**, 138, 266, 527, **xxxi**, 263.
- Philippino-American War**, gunshot wounds in, **xxxiii**, 113.
- Phimos**, congenital and hernia, **x**, 208.
- Paraplegia and ataxia, producing, **xviii**, 245.
- Phlebacteriektasia** of foot, spontaneous, **iv**, 346.
- Phleboliths**, peri-ureteral pelvic, **l**, 913.
- Phlebotomy**, hepatic, **v**, 226, 234.
- Phlegmon**, abortive treatment of by resorcin inoculation, **v**, 267; in man, etiology of suppurative, **iii**, 71; prevesical, **iii**, 254.
- Phonendoscope**, by Bianchi (review of), **xxxiii**, 366.
- Phosphorus** necrosis of the jaws, **iii**, 163, **vii**, 288.
- Poisoning with perigastric abscess, **xii**, 67.
- Phrenic nerve**, compression of, to relieve vomiting after surgical anæsthesia, **xvii**, 611; division or resection of, in the neck, **xxii**, 145.
- Phthisical** cavities, incision and free drainage of lung for, **vi**, 157.
- Phthisis pulmonalis**, operative treatment of, **xxxv**, 540.
- Renalis**, kidney, extirpation of, **viii**, 226.
- Syphilitic, **vi**, 284.
- Treatment of anal fistula associated with, **v**, 284.
- Physics**, Essentials of Medical, by Brockway (review of), **xvi**, 399.
- Physiology**, Essentials of, by H. A. Hare (review of), **ix**, 478; Text-book of Human, by Tigerstedt and Murlin (review of), **xlvi**, 165.
- PILCHER, JAMES EVELYN**: New classification of tumors in general and of the testicle in particular, **vi**, 232; cocaine as an anæsthetic, **iii**, 51; Felix Würtz and Pierre Franco (review of), **xxiv**, 505; Guy de Chauliac and Henri de Mondeville (review of), **xxi**, 84; Paris Society of Surgery and Tuberculous Joint-disease, **iv**, 144; reunion of severed digits, **v**, 263; surgery of brain and spinal cord, **viii**, 261; of the liver, **v**, 212; tracheotomy in laryngeal stenosis of tuberculous origin, **i**, 144.
- PILCHER, JAMES TAFT**: Glanders in the human subject, **xl**, 444.
- PILCHER, LEWIS S.**: Ambulatory treatment of fractures of leg, **xxiii**, 464; arterial ligation as a prophylactic measure after sudden complete and permanent occlusion of the chief vein at root of an extremity, **iii**, 105; case of simultaneous wound of femoral artery and vein, **i**, 167; case of suppurative peritonitis without discoverable source of infection, **xvii**, 202; cases of malignant lymphoma, **i**, 123; choice of operative method for the removal of hypertrophied prostate, **xli**, 565; comparative value of tracheotomy and intubation for the relief of acute laryngeal stenosis in children, **xvi**, 532; comparison of the merits of suprapubic and

perineal cystotomy, **xxx**, 115; contribution to the study of cerebral tumors, **ix**, 161; cure of hemorrhoids by excision, **v**, 523; development of the surgery of the kidney, **xxxi**, 100; diseases of the female generative organs, **xxvii**, 129, 133, 491; end-results following operations for carcinoma of the breast, **xlvi**, 67; ether or chloroform—which? **vi**, 327; evolution of the American surgeon, **xvii**, 343; extirpation of the larynx, **iii**, 67; gastrotomy for foreign bodies, **v**, 124; hour-glass gall-bladder, **xix**, 371; individual excision and suture in operating for the removal of hemorrhoids, **xliv**, 275; intramediastinal bronchotomy and cesophagotomy, **xxxvii**, 299; intravenous saline infusion for shock and acute anæmia, **xv**, 345; laparotomy for intestinal obstruction, **iii**, 214; large pseudodiverticulum of duodenum, **xx**, 63; lateral pharyngotomy for extirpation of malignant tumors of tonsillar region, **iv**, 139; note on amputation for joint-disease when lung tuberculosis co-exists, **v**, 101; objections to laminectomy after spinal fractures, **xxi**, 482; operations for hallux valgus, **xxv**, 482; operative possibilities in cases of advanced carcinoma of the breast, **xxxviii**, 321; operative treatment of hypertrophied prostate, **xxiii**, 744; organization of surgical staff in general hospitals, **ii**, 389; pathology and treatment of aggravated hemorrhoids, **xi**, 319; perforating gunshot wound of the cervical portion of the spinal cord, **xxxviii**, 812; recent experience in the diagnosis and treatment of cranial and spinal injuries, **xi**, 186; results obtainable in the treatment of dense, tight, deep-lying strictures of the urethra, **xxxiii**, 79; results of

castration upon prostatic hypertrophy, as shown in six cases, **xxiii**, 687; specimen of appendicitis, **xix**, 499; study, of 170 cases of carcinoma, **xx**, 1; the question of the anti-tubercular power of iodoform, **x**, 161; the question of the propriety of resorting to arthrotomy for suturing recent fractures of patella, **xii**, 401; toxine treatment of sarcoma, **xxii**, 264, 268; transfusion and reinfusion of blood, **iii**, 226; treatment of ambulatory fractures of the lower extremity, **xxiv**, 69; tuberculosis of bladder, **xix**, 370; ultimate results of castration as a means of relief for obstructive hypertrophy of prostate, **xxvii**, 684; ultimate results of operations for removal of uterus or its appendages, **xv**, 220; ununited fractures, the etiology of, **vii**, 435; use of potato bobbin to facilitate suture of gut after resection of carcinoma of colon, **xxv**, 485; Verneuil's method of treating cold abscesses by injections of iodoform dissolved in ether, **ii**, 493; venous tumor of diploë, **xx**, 165.

**PILCHER, PAUL M.**: Cystoscope for catheterizing the ureters, **xliv**, 218; pathology and etiology of obstructive hypertrophy and atrophy of the prostate gland, **xli**, 481; renal varix, angiomatic disease of the papillæ renales, **xliv**, 652.

**Piles and Other Diseases of the Rectum**, by Benton (review of), **iii**, 535.

**Pirogoff amputation** at ankle, result of, **xxiv**, 749.

**Pirogovian therapeutics**, **xi**, 471.

**Pistolshot wound**, cases of, **ii**, 332, 422; of intestines, recovery from, **xxx**, 217.

**Plantar arch, flatfoot and the construction of the**, **iii**, 527.

**Fascia, laceration of**, **xxi**, 216.

**Plaster casts by paraffine molds**, **ii**, 478.

- Plaster of Paris**, after fracture of leg, as an immediate dressing, **xxxiii**, 798.
- Dressings, method of retaining ends of fractured bones in apposition during fixation by, **xxxviii**, 415.
- Jackets, **i**, 78; apparatus to facilitate application of, in spinal hyperextension, **xxxvii**, 92; in the treatment of spine and cord injuries, **xxi**, 268.
- Plastic** (see also Osteoplastic, Transplantation), amputation, of foot, **viii**, 441; resection of, osteo-, **viii**, 156.
- Correction of nasal deformity, **vii**, 452.
- Face, of, **xlii**, 313.
- Method for the cheek, new, **vi**, 499.
- Operation, **xiii**, 128; after necrosis of femur, osteo-, **vi**, 83; for closure of laryngeal fistula, **v**, 318; for elongation of a muscle, **iii**, 337; for epithelioma of cheek, **xxxix**, 812; for flaying of the male genital parts, **iii**, 351; for pug nose, **vi**, 252; for replacement of entire lower lip, **xli**, 115; for saddle nose, new, **vi**, 499; for spina bifida, **xxii**, 81; for transplantation of fresh pedunculated flaps from distant parts of the body, **vi**, 172.
- Operations, large non-pediculated flaps in, **xxiv**, 650; on hands, **xxiii**, 185; method of obtaining double skin-flap, **xviii**, 574.
- Reconstruction of the eyebrow and upper eyelid from the tissues of the scalp, **xlvi**, 790.
- Rectum, **xlii**, 313.
- Resection of foot, osteo-, **iii**, 425.
- Surgery, **xii**, 266; notes on, **vi**, 97.
- Review of Book: Plastic Operations, by Maas, **i**, 572.
- PLATT**, W. B.: Symmetrical manifestations of syphilis, **xi**, 329.
- Pleura**, diaphragm, and, wound of, perforating, **xxix**, 492.
- Discussion of, in empyema, **xliii**, 502.
- Drainage of hepatic abscess through, **v**, 214, 236.
- Hernia of, into the neck, **ix**, 321.
- Infection of and bacterial absorption from, **xliv**, 770.
- Lung, diaphragm and liver, bullet wound of, **xli**, 139.
- Resection of rib for calcareous concretion of, **iv**, 179.
- Sarcoma of, primary, resection of chest wall and diaphragm for, **xliii**, 645.
- Special reference to surgical anatomy of, and kidneys, **ii**, 286.
- Reviews of Books: Diseases of the Pleura, by Gerhardt, **xvii**, 509; Tapping of the Pleural and Peritoneal Cavities, by Maunyn, **x**, 399.
- Pleural cavity**, air into, entrance of, management of, **xxix**, 409; limitations of, lower, **xxvi**, 130.
- Pleurectomy**, visceral, **i**, 351.
- Pleuritis**, pulsating, **x**, 456.
- Purulent, operative treatment of, **xvii**, 370, 410, 615.
- PLUMMER**, S. C.: Cases of injury to the thoracic duct, **xxviii**, 229; colloid carcinoma of the cæcum, **xlii**, 146; dislocation of lower epiphysis of femur, **xxxv**, 662; gunshot wound of abdomen, **xxxiv**, 527; Hartley-Krause flap in hemorrhage from the middle meningeal artery, **xxxvi**, 591; interscapulothoracic amputation, **xxxiv**, 320; pathology and treatment of recent fractures of patella, **xxxix**, 138; research on the surgical anatomy of the middle meningeal artery, **xxiii**, 540; stricture of œsophagus following typhoid fever, **xlii**, 144; treatment of perforating wounds of abdomen, **xxxix**, 472; tubercular peritonitis, **xliii**, 793; tumor of the kidney, **xxxix**, 469.
- Pneumatocoele** of cranium, **x**, 454.
- Pneumaturia**, intermittent, associated with stone in the bladder, **xlvii**, 1013, 1057.
- Pneumectomy**, **v**, 388.

**Pneumococcus peritonitis**, xxxviii, 918, xl, 698, l, 636.

**Pneumogastric nerve**, resections of, effects of, xxiii, 741; surgical lesions of, xix, 722; division or resection of, in the neck, xxii, 145.

**Pneumonectomy** (see Lung, Pulmonary), case of, xviii, 347.

**Pneumonia**, acute lobar, followed by embolic gangrene of leg, xxxviii, 380.

Laparotomy, following, xlii, 946.

Postoperative, with experiments upon its pathogeny, xxxix, 700.

Purulent infection, with, xiv, 475.

**Pneumoperitonitis**, xii, 228.

**Pneumothorax**, acute traumatic, management of, xxix, 409; treatment of, xxix, 506.

Arrest of hæmoptysis, for, ii, 262.

Fracture of clavicle, from, xvii, 615.

Hæmoptysis for arrest of, ii, 262.

Resulting from penetrating wounds of thorax, xiv, 420.

**Pneumotomy**, i, 357, v, 386, xi, 34.

Bronchiectasis, for, xviii, 242.

Lung, for gangrene of, xv, 479.

Pulmonary abscess, for, xii, 368.

**Podrez's** gastro-enterostomy method, xxx, 759, xxxi, 524.

**Poisoning**, fibrine ferment, iii, 158.

Sublimate, vi, 46.

**Polypoid tumors** of head, vii, 215.

**Polyposis**, intestinal, xxxvi, 104.

**Polypus**, nasal, by cauterization with nitrate of silver, treatment of, ix, 373.

Nasopharyngeal, new operation for, ii, 257.

**POND, A. M.**: Surgical considerations pertaining to gastric dilatation, xli, 715.

**POOL, EUGENE H.**: Tetany parathyreopriva, xlvi, 507.

**POORE, C. T.**: Contributions to the statistics of operations upon tuberculous hip-joints, xv, 454; excision of the tarsal bones, iii, 206; old displacements of the upper end of the

femur, and their treatment, xx, 27, 80; operations upon the knee-joint, from March 1877 to March 1892, xvi, 278; osteotomy and osteoclasis, i, 192; treatment of inveterate talipes equinovarus by osteotomy, v, 201.

**POPE, H. C.**: Diagnosis of pancreatic disease in its bearing on the surgery of the liver, x, 69.

**Popes and Science**, by James J. Walsh (review of), xlix, 445.

**Popliteal abscess** communicating with knee-joint, ii, 62.

**Aneurism**, xxii, 392, xxix, 608, 617; cured by digital compression, xii, 356; by pressure, iv, 333; gangrene of foot, after ligation of femoral artery, xxxii, 612; Matas's operation for, xlii, 123, 124; presenting unusual difficulties in, xlviii, 15; operative treatment of, iii, 514; ruptured by manipulation, xliii, 782; treatment of, by the reconstructive method, xlviii, 1.

**Artery** (see Aneurism), anastomosis of, end-to-end, for gunshot injury, xxxvii, 719; Matas's operation for aneurism of, xli, 115; obstruction of, ii, 422; subcutaneous injury of, v, 536; and vein, subcutaneous rupture of, xlv, 142, 143.

**Nerves**, anastomosis of the external and internal, for infantile paralysis, xlii, 453.

**Porro Cæsarean section**, xii, 319.

**Portable traction splint**, used in hip-joint diseases, xvi, 176.

**Portal stasis**, relieved by parietometal adhesions, xxxvi, 191, 272, 962.

**Vein**, diversion of blood current through, into vena cava, xxxvi, 964; ligation of, xlvii, 619; occlusion of, due to surrounding inflammatory adhesions, xlv, 27.

**PORTER, CHARLES ALLEN**: Massive keloid of face and hands, l, 332; multiple carcinomata following chronic X-ray dermatitis, xlv, 649.

- PORTER, CHARLES B.:** Successful excision of a sarcoma of the wall of the thorax and diaphragm, **xxxiv**, 281; suppurative pericarditis, and its surgical treatment, **xxxii**, 769.
- PORTER, JOHN L.:** Coxa vara, **xlili**, 634, 952.
- PORTER WILLIAM G.:** Abuse of iodoform, **xxvii**, 676; cases of tetanus treated by antitoxine, **xxvii**, 228; chylous cysts of the mesentery, **xlili**, 380; gastro-enterostomy—why it is not a harmless operation, **xliv**, 901; marriage of syphilis, **xx**, 94; mental symptoms following upon use of continuous suprapubic drainage of bladder, **xvii**, 262; plaster of Paris as an immediate dressing after fracture of the leg, **xxxiii**, 798; rupture of liver, **xxxi**, 647; stone in the bladder of a female child of four years, **xxxiv**, 819; treatment of strangulated hernia, **xx**, 190; twig of tree as nucleus of vesical calculus, **xxxiii**, 648; urogenital tuberculosis in male, **xx**, 396; wound of longitudinal sinus, **xxxiv**, 188.
- POST, ALFRED C.:** Deformity of hands from cicatricial contractions, **i**, 64.
- Postanæsthetic paralysis**, cases of, **xxx**, 226.
- Postcæcal abscess** of appendicular origin, **xxviii**, 665.
- Postoperative comfort**, **xliv**, 106. Ileus, **xliv**, 141. Treatment, **xlvi**, 298.
- Postparalytic deformities**, treatment of, results obtainable in, **xxx**, 571.
- Postural treatment**, results of, in diffuse septic peritonitis, **xlvi**, 828.
- Potassium iodide**, use of, in actinomycosis, **xli**, 633. Diagnostic value of, in syphilis, **xliv**, 62.
- Potato-plates**, intestinal anastomosis, in, **xiv**, 507, **xxvii**, 543.
- Pott's curvature** of the spine, rapid reduction of, **xxvi**, 737. Disease, **xvi**, 469; brace for, modified, **xxv**, 182; forcible rectification of deformity in, effects of, **xxix**, 390; forcible straightening of spine in, **xxvii**, 463; syphilis of vertebræ, differentiation of, from, **xxix**, 641; treatment of, **x**, 220.
- Fracture deformity** to correct talipes varus, **xxi**, 461; of the leg, open method in the treatment of, **xlvi**, 98; operative relief of deformity after, of the tibia, **xxxi**, 733.
- Paraplegia**, laminectomy, **xxxi**, 667.
- Poupart's ligament**, wound of femoral vein beneath, **xii**, 215.
- POWERS, CHARLES A.:** Arthrotomy for elbow ankylosis in extension, **xix**, 236; bilateral dislocation of lower jaw of 136 days' standing relieved, **xix**, 239; branchial carcinoma, **xxvii**, 187; bridging of nerve defects, **xl**, 632; case of melanosis in an infant, **xv**, 369; of primary tuberculosis of breast, **xxv**, 86; complete denudation of penis, **xliv**, 238; complete detachment of the facial bones, **i**, 73; conical stump after amputation in childhood, **xxxi**, 486; methods and results in operative surgery at the sea level and in places of high altitude, **xxvi**, 297; non-parasitic cysts of the spleen, **xlili**, 48; permanent suprapubic drainage for tuberculosis of the bladder, **xxxvi**, 426; primary sarcoma of the prostate, **xlvi**, 58; question of operative interference in recent simple fractures of patella, **xxviii**, 67; specimens of appendicitis, **xix**, 500; surgical procedures designed for the relief of pulmonary tuberculosis, **i**, 441; thyroid gland tissue tumor at foramen cæcum of tongue, **xx**, 77; tuberculosis of breast, **xx**, 159, 417.
- Practice of Medicine**, Stevens' Manual of (review of), **xvii**, 639.



- Practice of Surgery**, Wharton and Curtis's Treatise on, review of, **xxvi**, 748.
- Pregnancy**, carcinoma of the breast, influence of, on, **xlvi**, 487.  
 Complicated by fibromyoma of uterus, cases of, **xxvii**, 362.  
 Cystofibroid of labium majus complicated by, **iv**, 457.  
 Ectopic, **xxxiii**, 640; ruptured, during, **xlvi**, 321.  
 Extra-uterine (see Uterus) laparotomy, **xxi**, 63; prognosis and treatment of German statistics in, **xv**, 502; terminating in suppurating hæmatocele, treatment of, **xxxiv**, 159, 442.  
 Intraligamentous tubal, **ix**, 472.  
 Laparotomy for extra-uterine, **iv**, 458, 459; for tubal, **iv**, 458.  
 Myomata during parturition and, treatment of, **xxii**, 408.  
 Nephrolithotomy during fifth month of, **vi**, 186.  
 Seven years' duration, of, **iv**, 459.  
 Tubal, **ix**, 151.  
 Reviews of Books: Ectopic Pregnancy and Pelvic Hæmatocele, by Tait, **x**, 395; Extra-uterine Pregnancy, discussion of Society of American Obstetricians and Gynæcologists, **x**, 398; Extra-uterine Pregnancy, by Stahan, **x**, 398.
- Pregnant** woman, strangulated umbilical hernia in, **iv**, 442.
- PREINDEL**, DR.: Extirpation of prostate, **xlvi**, 945.
- Prepatellar** bursa, **xlvi**, 158.
- Preputial** calculus in, **v**, 211.  
 Folliculitis, gonorrhœal, **xi**, 142.
- Presbyterian Hospital of New York** (reviews of reports), **xxviii**, 549; 1902, vol. **v**, **xxxvii**, 316.
- Prevesical** abscesses, **iii**, 254, **xlvi**, 224.  
 Cellulitis, idiopathic, **xvii**, 105.  
 Space, inflammation of, **v**, 434; perineum, drainage of, through the, in suprapubic cystotomy, **xiv**, 101.
- PREWITT**, THEODORE F.: Gunshot injuries of spine, **xxviii**, 187.
- Priapism**, operative treatment of, **viii**, 55.
- PRICE**, JOSEPH: The propriety of and indications for resection of the appendix vermiformis during the quiescent stages of chronic relapsing appendicitis, **xiii**, 356.
- PRICE**, JOHN W., JR.: Report of five cases Ludwig's angina, **xlvi**, 649, 788.
- PRIMROSE**, ALEXANDER: Partial resection of the bladder for malignant tumor by the transperitoneal route, **i**, 1137.
- PRINGLE**, J. HOGARTH: Avulsion of the spine of tibia, **xlvi**, 169; notes on the arrest of hepatic hemorrhage due to trauma, **xlvi**, 541; repair of the urethra by transplantation of the urethra of animals, **xli**, 387.
- Probing** granulating wounds, **ix**, 353.
- Processus vaginalis peritonei**, **vii**, 157.
- Procidencia recti**, treatment by excision, **xlvi**, 681.
- Proctoclysis**, apparatus for, **xlvi**, 404, 440.
- Proctosigmoiditis**, principles of a radical treatment for, **i**, 1095.
- Progressive Medicine** (review of), vols. **i**, **ii**, and **iii**, **xxx**, 784; December, 1899, **xxxi**, 778; **xxxii**, 741; vol. **iii**, **xxxiii**, 364; vol. **iv**, **xxxiii**, 814; vol. **i**, 1901, **xxxiv**, 455; vol. **vi**, No. **i**, **xl**, 157.
- Projectiles**, accidents following sojourn of, in the tissues, **xi**, 385.  
 Small-bore, the modern, surgical aspects of, **xxxi**, 75.  
 Review of Book: Projectiles des armes de guerre, by Mimier and Laval, **xxxii**, 746.
- Prolapse**, postoperative, of abdominal viscera, **xlii**, 951.  
 Rectum in children, of the, **xxxii**, 311.  
 Uterus, of the, and rectum, operation for, **xix**, 240.
- Prolapsus ani**, operation for, **v**, 497.  
 Uteri and vaginæ, operations

for, **iii**, 264; treatment of, **xxvii**, 341.  
**Properitoneal** hernia, **xlili**, 705, **xliv**, 569.  
**Prostate**, calculus impacted, **ii**, 332; calculus of, sequel to fracture of the spine, **xl**, 143.  
 Carcinoma of, **i**, 1147; operative treatment of, **xxii**, 481; primary, **xxxix**, 892.  
 Castration for enlarged, **xxv**, 107, 121, 381; question of, **xxiv**, 223, 265, 388; unilateral, effect of, **xxi**, 616.  
 Cyst of, obstruction from, **xxxi**, 762.  
 Dilatation of, remarks on, **xvii**, 442, 450.  
 Electrolysis in hypertrophy of, **ix**, 347.  
 Enlarged, operations on, **xliii**, 134; relieved by prostatectomy one year after castration without benefit, **xxviii**, 378.  
 Enlargement of, treated by, castration, **xxiii**, 486, 687, 741.  
 Exsection of, **xviii**, 104.  
 Extirpation of, **xlvi**, 943, 944; discussion upon, at the 1907 German Surgical Congress, **xlvi**, 938.  
 Female, the, **xliv**, 576.  
 Hypertrophied, operative relief of, **v**, 433, **viii**, 47, 479; operative treatment of, **ix**, 1, 387, **xxxix**, 833; the surgery of, **xvii**, 70.  
 Hypertrophy of, **v**, 164; operative treatment of, **x**, 208, 467; present position of the surgery of, **xviii**, 152; results of double castration in, **xxii**, 1.  
 Iliac arteries, internal, experience in the effect of the simultaneous ligation of both, upon, **xxiii**, 705.  
 Lesions caused by eggs and embryos of *Bilharzia hamatobia* in, **iv**, 350.  
 Rectum, stricture of, following abscess of, **viii**, 221.  
 Sarcoma, primary of, **xlvi**, 58.  
 Suprapubic cystotomy, extirpation of hypertrophied middle lobe of, **v**, 558.  
 Surgery of the, contribution to,

**xlvi**, 266; of the hypertrophied, **iii**, 173, **xl**, 782.  
 Surgical treatment of hypertrophy of, in the feeble and aged, conservative, **xlvi**, 884.  
 Tuberculosis of, **xviii**, 587; evidement of, for, **xxiv**, 219.  
 Vasa deferentia for, ligation of, **xxiii**, 737, 744.  
 Review of Book: Extirpation of Prostate, by De Quervain, **xlvi**, 944.  
**Prostate gland**, hydatid of, **xxxiii**, 565, 753.  
 Hypertrophy of, has the catheter a place in the treatment of? **xli**, 492; conservative perineal extirpation of, **xli**, 549; obstructive, etiology and pathology of, **xli**, 481; perineal operation for, **xli**, 310; study of various forms of, from post-mortem specimens and by the cystoscope, **xli**, 590; treated by castration, **xx**, 52; treated by simultaneous ligation of both internal iliac arteries, **xx**, 44, 173; treatment by enucleation through a suprapubic incision, **xli**, 535.  
 Incontinence, cause of, as a sequel to extirpation of, **xli**, 558.  
 Malignant diseases of, **xxxiii**, 269.  
 Operative method, choice of, for removal of, **xli**, 565.  
**Prostatectomy**, **iii**, 173, 432, **xvii**, 64, **xxix**, 313, 348, **xxxi**, 738, 740, **xxxiv**, 426, **xliv**, 841.  
 Alexander's method, by, **xxxiii**, 476.  
 Anatomical points connected with the performance of, **xli**, 507.  
 Complications and sequels of, **xxxix**, 385.  
 Cystoscope, use of, with reference to, **xli**, 590.  
 Incontinence, cause of, as a sequel to, **xli**, 558; following Gersuny operation for, **xlili**, 923.  
 Lateral, **xliii**, 140.  
 Operative methods for, choice of, **xli**, 565.  
 Perineal, **xvi**, 459, **xxiv**, 767,

- xxxvi**, 263, 267, **xxxvii**, 621, 711, **xli**, 310, **xliii**, 620, **xliv**, 616, **xliii**, 622, **xlvi**, 306; combined with suprapubic cystotomy, **xxiii**, 333; galvanocautery, **xxxix**, 809; prostatic tractor for, **xxxviii**, 359; route, by, **xxxv**, 408, 467; perineal, sequels of, prevention and treatment of the, **l**, 356.
- Prostatomy, and, **xxxiv**, 444.
- Relative merits of suprapubic and perineal, **xlix**, 296.
- Spine, after fracture of, **xix**, 609.
- Suprapubic, **xviii**, 104, **xx**, 606, **xxxvi**, 438, **xxxix**, 808, **xli**, 535, **xlvi**, 624, **l**, 357; case of, **xlix**, 255; control of hemorrhage after, **xvi**, 454; incision, **xvii**, 64; points in, **xl**, 159; question of priority in the adoption of the method of, **xli**, 520; route, **xi**, 107; treatment of prostatic hypertrophy by, **xli**, 535; without ether or chloroform, **xli**, 540.
- Technic of, **xxxii**, 874, **xxxvi**, 649.
- Two stages, **xliv**, 563.
- Vesical calculi, followed by formation of, **xxxix**, 436.
- Prostatic abscesses**, ischio-rectal fossa, drainage of, through the, **xl**, 103; observations on, **xli**, 134; on pathology and operative treatment of, **xlix**, 533, 563; prerectal curvilinear incision for, **xxxvi**, 670.
- Calculus**, enormous, case of, **xxxix**, 391.
- Enlargement**, comparative value of various measures for relief of, **xlvi**, 258.
- Hypertrophy**, beginning, **xxxviii**, 925; bladder, associated with stone in the, treatment of, **xxxvi**, 17; complicating stone in, treatment of, **xxvii**, 571; with stone in; value of castration in cases of, **xxvii**, 329, 383; Bottini operation for, **xxxv**, 837, **xxxvii**, 621, 711; cured by, **xxxvi**, 274; final result of, **xl**, 284; castration for, **xxi**, 217, 351, 363; ultimate results of, **xxvii**, 684; vasectomy for, results of, **xxxii**, 309; cauterization for, transvesical, **xxxv**, 836; treated by, **xxxvi**, 29; operations for, results of, **xxxviii**, 306; operative treatment of, **xxix**, 381; operative treatment of, results of, **xxxiii**, 810; pathogenesis and pathological anatomy, **xxxvi**, 813; spermatic cord, treatment of, by ligature of, **xxi**, 181; surgical problem in, **xxxviii**, 609; treatment, **xxxvi**, 307; vasectomy for, **xxvii**, 766.
- Ischuria**, urogenital diaphragm, destroying the, as a means of relieving, **xlii**, 874.
- Periprostatic abscess**, and, **xlii**, 883.
- Surgery**, perineal route for, reasons for preferring the, **xxxvi**, 431.
- Prostatism**, without enlargement of prostate, **xli**, 497.
- Prostatotomy**, **iii**, 173, **iv**, 532.
- Prostatectomy**, and, indications for their performance, **xiii**, 136.
- Thermo-electric**, **ii**, 333.
- Prosthesis** (review of), by Brandt, **viii**, 479.
- Proteus**, bacillus, vulgaris, rôle of the, in surgery, **xxxvi**, 120; infection and hospital gangrene, identity of, **xxxvi**, 762.
- Protozoa**, liver abscess with, **xxi**, 109.
- Pseudarthrosis**, of thigh, **ix**, 155.
- Pseudomyxoma peritonei**, spleen and colon, penetrating, **xl**, 838.
- Pseudorheumatism**, **xv**, 47.
- Psoas abscess**, iodoform injections, treated by, **xv**, 145; operation, radical cure of by, cases of, **xxv**, 727; posterior operation for cure of, **xlvi**, 788.
- Muscles**, appendix vermiformis, and, **xxxiii**, 387.
- Psoitis**, suppurative, trephining pelvis in treatment of, **x**, 383; postpuerperal, **xxix**, 143.

- Psoriasis**, lingual, treatment by decortication, **xxix**, 577.
- Psychic factor**, Graves's disease, in surgical aspects of, **xlvi**, 864, 1061.
- Psychical** end-results following major surgical operations, **xlvi**, 853.
- Pterygium**, skin grafts in operation for, **xvi**, 238.
- Pterygomaxillary fossa**, sarcoma of, **xxxvi**, 448.
- Ptomains**, relation of suppuration to, **ix**, 352.
- Puberty**, precocious, **ix**, 67.
- Pubes**, sarcoma of, **xliv**, 946.
- Puerperal** disease, amputation of septic uterus for cure of, **v**, 453; peritonitis, **v**, 22.
- General peritonitis, **xl**, 203.
- State, **xv**, 61.
- Puerperium**, breasts, phagedenic ulceration of, during, **xlvi**, 672.
- Pulmonary** (see Lungs), abscess, pneumotomy for, **xii**, 368; surgically treated, **xiv**, 420.
- Artery, aorta, and, pistolshot wound of, **xxvii**, 124; embolism of operative interference in, **xlvi**, 772.
- Cavities, surgical treatment of, **xix**, 129.
- Complications following abdominal operations, **xl**, 149.
- Cysts, treatment of, **iii**, 239.
- Embolism, injuries and operations, after, **xxxvi**, 639; occluding, **xlvi**, 717; Trendelenburg's operation for, **xl**, 264.
- Injuries, thoracic, complicating, **xxxv**, 553.
- Pleura, empyema, incision of, during operation for, **xxxiv**, 170.
- Surgery, **xi**, 34, **xviii**, 78; contribution to, **xxxv**, 536, 540, 553.
- Thrombosis, after operation for appendicitis, acute, **xli**, 145; ectopic gestation, after operation for, **xli**, 147; ovarian cyst, large, after removal of, **xli**, 143.
- Vein, perforated by sarcoma, **xxi**, 323.
- Pulmonectomy**, **ix**, 285.
- Puppy's skin**, grafting, for, **xii**, 136.
- Purgatives** in treatment of septic peritonitis and intestinal obstruction, **vi**, 160.
- Purse** string suture, peritoneal wounds, to, **xxx**, 655.
- Purulent** (see Suppurative) peritonitis, **v**, 22.
- Pus**, green, **xviii**, 454.
- PUSEY, WILLIAM A.**: Use of X-rays in carcinoma, **xlii**, 910.
- Pustule**, malignant, three cases of, **iv**, 425.
- Gangrene, and, of skin, peculiar form of, **xx**, 481.
- Putrefaction**, **v**, 254.
- Pyæmia** due to appendicitis, **xx**, 422.
- Bacteriology of, **iii**, 401.
- Subphrenic abscess, and, **xxvii**, 647.
- PYE, W.**: Local lesions caused by the alkaline salts of chromic acid, **i**, 303.
- Pyelitis cystica**, hæmaturia due to unilateral renal, **xlvi**, 417.
- Gonorrhœal, **xliii**, 787.
- Nephrectomy for calculous, **iii**, 170.
- Pyelonephritis**, acute, nephrectomy for, **xxxv**, 402; diagnosis of, **xi**, 142; nephrectomy for, **xli**, 793.
- Pyeloparanephric** cyst, traumatic, **xxxix**, 573, 597.
- Pyelosalphinx**, cases of, **xi**, 399.
- PYLE, W. L.**: Two cases of laminectomy, with tabulated collection of fifty cases of recent date, **xix**, 664.
- Pylephlebitis**, suppurative, appendicitis followed by, **xxxvii**, 471.
- Pylorotomy**, **xxxvii**, 270, 442, 444, 962; for cancer of the stomach, **xxxi**, 758; for carcinoma, **xviii**, 36, **xxxiv**, 418, **xlii**, 116.
- Review of Book: **Pylorotomy**, by Rydygier, **ii**, 78.
- Pyloric** obstruction, **xliii**, 758; stomach, resection of, for benign, **xxxix**, 995.
- Spasm, with resultant dilatation of stomach, **xl**, 201.

- Stenosis, hypertrophic, in the infant, **xlii**, 201; operations for, **iii**, 372, 524; Roux's operation for, **xlix**, 548; ulcer, from old—posterior gastro-enterostomy, **xlv**, 756.
- Stricture, resection of stomach for, **xlix**, 551.
- Ulcer, perforating, **xlix**, 724.
- Review of Book: Pathology and Operative Relief of Non-malignant Pyloric Stenosis, by Carle and Fantino, **xxvii**, 792.
- Pyloroplasty**, **xvi**, 276, **xxxix**, 279, **xlii**, 641; case of, **xvii**, 588.
- Gastro-enterostomy, and, **xli**, 686.
- Pylorus, for cicatricial contraction of, **xviii**, 36.
- Stenosis, for cicatricial, **xx**, 740.
- Stomach, for ulcer of, **xx**, 176.
- Stricture, non-malignant, for, **xxxi**, 503.
- Pylorus** (see also Gastric, Stomach), carcinoma of, **xlix**, 425; result after excision, **xxxix**, 106; surgical palliative treatment of, **xix**, 731; isolation of non-operable, **xxv**, 215.
- Carcinomatous stricture of, **xxv**, 369.
- Cicatricial obstruction of, gastro-enterostomy for, **xxxix**, 1010.
- Congenital stenosis of, **xliii**, 141, 763.
- Digital divulsion of, for cicatricial stenosis, **x**, 298.
- Excision of, **i**, 77, 160; for carcinoma, **iii**, 524.
- Gastro-enterostomy for benign obstruction of, **xxxiv**, 300, 834; benign stricture of, relieved by, **xxix**, 484; studies on function of, after, **xlvi**, 549.
- Hypertrophic stenosis of, **xlvi**, 928; in infants, **xliv**, 121, **xlvi**, 946, 1053.
- Metastasis in carcinoma of, **viii**, 472.
- Mikulicz's operation for cicatricial stenosis of, **xiv**, 425.
- Normal, seven years after simple pyloroplasty for stricture, **xliv**, 716.
- Obstruction of the, benign, **xxxii**, 17, 874.
- Operative treatment of stenosis of, **vi**, 503.
- Perforating ulcer of the, **xl**, 266.
- Resection of, **ii**, 78, 269, **vi**, 74.
- Stenosis of, benign, gastro-enterostomy for, **xxxvii**, 940; operative treatment of, **x**, 276; pathology and operative relief of non-malignant, **xxvii**, 792; resection for benign, **xxxix**, 587; of circular, **xxvi**, 697.
- Treatment of benign obstructions of, **xliv**, 236.
- Tumor of, benign, gastro-enterostomy, for, **xxxix**, 1009.
- Tumors of the, inflammatory, **xxxix**, 281; vanishing, **xliv**, 295.
- Pyocyaneus**, bacillus, septicaemia, **xl**, 613.
- Pyogenic** organisms, **xiii**, 378.
- Pyoktanine**, epithelioma of the lips, for, **xvi**, 87.
- Experiments with, **xiv**, 66.
- Inoperable malignant new growths, for, **xvi**, 92.
- Surgical practice, in, **xiv**, 158.
- Treatment of carcinoma, in the, **xviii**, 522.
- Pyonephrosis**, **ii**, 86, **v**, 272, 377; case of, **xvii**, 318, 319; cases of at the Roosevelt Hospital, **xxix**, 218.
- Congenitally misplaced kidney, of a, **xlvi**, 797.
- Nephrectomy for, **ix**, 467, **xii**, 388, **xxv**, 190, **xl**, 289.
- Pyopneumothorax**, operative treatment of, **xxvii**, 216; with greenstick fracture of ribs, **xxxiii**, 62.
- Pyosalpinx**, laparotomy for gonorrhoeal, **v**, 90.
- Rare form of, **xvii**, 630.
- Surgery of, **xxxviii**, 540.
- Pyothorax**, costal and thoracic resection for, **xxxix**, 403.
- Subphrenicus, **xii**, 368, **xv**, 480, **xviii**, 578.
- Pylalin**, metal braces, as a covering for, **xlv**, 638.



## R

- Rabies**, cantharides in, vii, 209; tetanus in, ix, 72; treatment of, xxx, 363.
- Races**, comparison of surgical diseases of white and colored, vi, 250.
- Radial nerve**, paralysis of, following fracture, iv, 68.
- Radiographs**, exhibition of, xxvii, 653.
- Radiography**, stereoscopic, xxxv, 455.  
Review of Book: Radiography and Phototherapy, by Charles W. Allen, xl, 769.
- Radium**, use of, in sarcoma of thigh, xlii, 268.
- Radius**, arrest of growth at lower end of, after separation of its epiphysis, xlviii, 115.  
Case of congenital symmetrical dislocation of the head of each, xiv, 370.  
Congenital absence of, operation for, xxiii, 44.  
Dislocation of, in fracture of the upper third of ulna, iv, 262.  
Etiology of indirect fractures of the shaft of, iii, 256.  
Fractures of, iii, 174; by twisting, ii, 159; of the base of, treatment of, xvi, 1; of the carpal end of the, with associated injuries, xxxiv, 249; of the head and neck of the, xlv, 280; of the lower end of the, xl, 284; of lower end of, with anterior displacement of, xl, 423; as seen by Röntgen rays, xxv, 470; ignorance of surgeons regarding, xxix, 272; pathology of, xxxii, 194, 388; skiagraph of deformity after, xxv, 194; treatment, xxi, 239; with fracture of styloid process of ulna, xxviii, 651; with vicious union, xxxiii, 335; of the neck of the, mechanism of, xxx, 691.  
Green-stick fracture of the lower end of the ulna complicating fracture through the lower part of the, l, 499.
- Head of, fissure of, xxxiii, 466; fracture of, xxvii, 536; fractured and dislocated, xlix, 860; dislocation of, with fracture of upper end of ulna, xvi, 465; lateral luxations, xix, 750; neck of, and fracture of, xxvii, 365.  
Isolated dislocation outward of the capitulum, v, 438.  
Musculospiral (radial) paralysis due to dislocations of the head of, xlviii, 275.  
Old dislocations at humeral joint, iii, 530.  
Sarcoma of, amputation of forearm by a new method, xxiii, 181.  
Subluxation of head of, in children, ix, 401; pathology of, xi, 104; of the head of the, in young children, iii, 530.  
Traumatic separation of its epiphysis upon longitudinal growth, effects of, xii, 458.
- Ulna**, and, fracture of styloid processes of, by indirect violence, xii, 134; fracture of, compound, with gas-bacillus infection, xlix, 561.  
Ununited, operation for cure of, xxxi, 737.  
Review of Book: Cause of Deformity after Fracture of the Lower Extremity of the Radius, by William Barton Hopkins, xxv, 196.
- Railway cases**, examination and testimony, expert, xvii, 41.
- RAKE, HERBERT V.**: Strangulation of vermiform appendix, in femoral ring, xxxvi, 438.
- RAMSAY, A. C. L.**: Contribution to pulmonary surgery, xi, 34; laparotomy for gunshot wounds of abdomen, xiv, 289; talipes varus, treated by cuneiform osteotomy, xii, 421.
- RAMSAY, OTTO**: Cyst of pancreas treated by incision and drainage, xxii, 771; surgical treatment of primary, renal tuberculosis, xxxii, 461.

- RAND, H. W.: Contributions to the surgery of hypertrophied prostate, **xxii**, 217.
- RANSOHOFF, JOSEPH: Decortication of the tongue in the treatment of lingual psoriasis, **xxix**, 577; diagnosis of kidney stone, **xlvi**, 1056; dissection of the pleura in the treatment of chronic empyema, **xlvi**, 502; extirpation of aneurisms, **xix**, 78; fatal hemorrhage from trephining, **xxxviii**, 487; gunshot injury of the brain, **i**, 66; interilio-abdominal amputation, **i**, 925; large parosteal sarcoma of thigh, **xxiv**, 188; operative treatment of aneurisms, **xxii**, 802; prerectal curvilinear incision for prostatic abscess, **xxxvi**, 670; rupture of the middle meningeal artery without fracture, ligature of common carotid for secondary hemorrhage, **xii**, 116; thyroid abscess, thyroidectomy, **xx**, 406; treatment of gangrenous hernia, **xvi**, 336; treatment of perforative peritonitis, **xlvi**, 1047; very late recurrences after operation for carcinoma of the breast, **xlvi**, 72; venous thrombosis and hydrocele of the inguinal canal, **xlvi**, 247.
- RANSOHOFF, LOUIS: Cause of sudden fall in blood-pressure while exploring the common bile-duct, **xlvi**, 550.
- Ranula, origin of, **v**, 144; and nature of, **xxvi**, 650.
- Rauschbrand, **xiv**, 245.
- RAW, NATHAN: Result of operation for carcinoma of penis, **xxxii**, 831.
- RAYMOND, EMILE: The pathological anatomy and bacteriology of salpingo-ovariitis, **xxiv**, 315.
- Raynaud's disease, **xlvi**, 641; cases of, with symmetrical gangrene of the, **xxviii**, 125.
- READY, C. F. W.: Blastomycetic dermatitis, **xxx**, 545.
- REBERT, MICHAEL A.: Primary spasm and hypertrophy of pyloric sphincter, and resultant dilatation of the stomach, **xl**, 201.
- Receptaculum chyli, overdistention of, **ii**, 418; by ether, **i**, 570.
- Rectal anæsthesia, **xlvi**, 589; experimental studies together with a report of its practical employment at Roosevelt Hospital, **xlvi**, 589.
- Drainage, pelvic abscess, for, **xlvi**, 1034, 1063.
- Examination in intestinal obstruction, **iii**, 333.
- Growths extirpated through vagina, **xxxi**, 381.
- Incision of appendical abscesses, **xxxiii**, 809.
- Incontinence, torsion for the cure of, **xix**, 612.
- Instruments, **xxxvii**, 924.
- Tumors, abdominal route for approaching, use of, **xxxvi**, 222.
- Review of Book: Rectal and Anal Surgery, by Andrews, **xi**, 155.
- Recti muscles, hernia, median postoperative, method of uniting in cases of, **xxv**, 542.
- Rectocele vaginalis or vestibulans, **viii**, 67.
- Rectorectal anastomosis by the aid of Murphy's button, **xix**, 736.
- Rectovaginal fistula, **xvii**, 113; in the male, operations for, **ii**, 83; treatment of, **xv**, 497.
- Rectovesical fistula, operative relief of, **xxix**, 744.
- Rectum, amputation of, followed by sphincterplasty, **xviii**, 344; by prolapse of, **xxxi**, 133; amputation, high, of the, **i**, 1091.
- Ballooning of, as a sign of stricture of the bowel, **x**, 79.
- Bladder, and shot wound of, recovery after, **xii**, 288.
- Carcinoma of, **vi**, 78, **vii**, 138, **ix**, 131, **xxix**, 356, **xxxi**, 640, **xxxii**, 726, **xxxiii**, 661, **xlvi**, 272, 273, 277, **xlvi**, 280, 811, **xlvi**, 610, **xlvi**, 139; cases of excision of, **xvii**, 374, 503; for colotomy, **vii**, 54; excision of, **v**, 160, **xvi**, 444, **xl**, 411, **xlvi**, 606, **xlvi**, 80; excision of, methods and re-

- sults of, **xv**, 373; excision of, with secondary intestinal anastomosis, **xxviii**, 519; extirpation of, by the abdominoperineal route, **xxxi**, 134; in first twenty years of life, **ii**, 342; high-lying, explored through laparotomy, **x**, 445, **xxiii**, 477; high-lying, extirpation of, **ii**, 414, **xii**, 375; Kraske's operation for, **xxvi**, 371, **xxviii**, 126; operation for, **xliv**, 785; operations for, through the vagina, **xxix**, 530; operative treatment of, **xi**, 201, **xvi**, 554, **xxii**, 485, **xxv**, 385; pathological anatomy of, **xxvi**, 727; radical treatment of, **xliv**, 399; removal of movable, by invagination and ligature, **xxxii**, 863; resections of, for, **xix**, 675; results of extirpation of, **xxxiii**, 95; technic of removal of, **xxxvi**, 461; ten years after extirpation of adenoma of hepatic flexure, **xlvi**, 307; treatment of, at the Rostock clinic, **xxxii**, 861.
- Children, prolapse of, in, **xxxi**, 311.
- Congenital absence of, **xxvii**, 776.
- Coxitis, in, diagnostic value of examinations by the, **iv**, 80.
- Cyst of seminal vesicle aspirated by, **xxviii**, 652.
- Dermoid cyst of left ovary protruding into, **iii**, 263.
- Displacement of bladder by tamponing the, **iii**, 166.
- Endoscopic examination of, **xxvii**, 91.
- Fibroma of, **xviii**, 41.
- Fistula in, **vii**, 66, 311.
- Foreign bodies in, **x**, 467.
- Gangrene of, **xxviii**, 389.
- Gumma of, in a youth of eighteen, **xxxii**, 609.
- Hemorrhage from, treatment of, **i**, 368.
- High-lying stricture of, **v**, 32.
- Imperforate, **xxxiii**, 788; colotomy, **i**, 78.
- Introduction of salines into the, apparatus for, **xliv**, 404, 440.
- Lesions caused by eggs and embryos of *Bilharzia hæmatobia* in, **iv**, 352.
- Limitations of colotomy in disease of, **ii**, 510.
- Lymphosarcoma of, **xxxvi**, 459.
- Melanotic sarcoma of, **iii**, 255.
- Operation for removal of, result of, **xxvii**, 90.
- Perineal incision of deep abscesses about, **viii**, 57.
- Plastic of, **xliv**, 313.
- Polypoid growths, multiple, of, **xxvi**, 397.
- Proctotomy for papilloma of, **xxvii**, 88.
- Prolapse of, **xlii**, 218, **xxxii**, 138, **xlvi**, 443, **xliv**, 681; of bowels, with spontaneous rupture of, **xii**, 281; of, colopexy for, **xxvi**, 165, 247; of, complete, new operation for relief of, **xi**, 255; of, operation for, **xix**, 240; of, operations for cure of, **xxi**, 45; of, operative treatment of, **ix**, 65, **xvii**, 373; treated by Robert's operation, **xlii**, 333, **xxvii**, 89; of, treated by ventrofixation of the, **xxi**, 153; of, treatment of, **xii**, 282.
- Prostatic abscess, following stricture of, **viii**, 221.
- Resection of, through abdomen, **xxxviii**, 916; after division of the sacrum, **xviii**, 463; for prolapse, **xxi**, 121; for syphilitic stricture, with end-to-end anastomosis, **xliv**, 146; technic **x**, 462, **xxii**, 55.
- Rupture of, during attempt to introduce colpeurynter, **xii**, 129.
- Sigmoid flexure into, anastomosis of, **xxii**, 402; new method of examining diseases of, **xxi**, 468.
- Stricture of, non-malignant, relieved by transplantation of intestine, **xvii**, 576; pathology and treatment of, **xxvii**, 545; strictures of syphilitic, **xliv**, 140; cured by means of Kraske's sacral extirpation, **xvi**, 267; treatment of, **v**, 516, **xxxvi**, 312.
- Surgery of, contribution to, **xviii**, 189.

- Ulceration of, non-malignant, removal for, **xvii**, 325.
- Urethra, and, fistula between, **ix**, 468.
- Vagina, and, congenital deficiency between, **ix**, 149; extirpation of, by, **xxiv**, 631.
- Reviews of Books: Diseases of Rectum, by Benton, **iii**, 535; Diseases of Rectum and Anus, by Gant, **xxiv**, 539; Diseases of the Rectum and Anus, by Cripps, **xlvi**, 155; Diseases of the Rectum and Anus, by Kelsey, **xviii**, 684, **xxx**, 133; Diseases of the Rectum, Anus, and Sigmoid Colon, by F. Swinford Edwards, **xliv**, 301; The Rectum, by Cooper, **vii**, 74; The Rectum and Anus, by C. B. Ball, **vii**, 74; Treatise on Diseases of the Rectum, Anus, and Sigmoid Flexure, by Matthews, **xix**, 373.
- Rectus abdominis**, congenital shortening of, **xxxi**, 663; needle extracted from, **x**, 137; longitudinal incision through, **xliv**, 720.
- REDRESSEMENT**: Genu-valgum and varum, **xii**, 468.
- REED, R. HARVEY**: Experimental research upon the implantation of the ureters into the rectum, **xvi**, 193; neural infixation, **xxii**, 320; traumatism inflicted by animals, **xxxi**, 431.
- REED, ROBERT J.**: Closure of abdominal wound, **xxxix**, 320.
- REERINK, DR.**: Extirpation of prostate, **xlvi**, 943.
- REEVE, J. C.**: Case of pancreatic cyst, **xviii**, 227; excerpts from transactions of the German Congress of Surgery, **xliv**, 727; the proper wire for introduction into an aneurismal sac, **xxx**, 704; successful removal of enchondroma of chest wall, involving the diaphragm, **xxxvii**, 724.
- Regional Anatomy** (review of), by McClellan, **xv**, 164, **xvi**, 494.
- Minor Surgery (review of), by Van Schaick, **xxxviii**, 157.
- REGNIER**: Epithelioma of lip, removed by method of, **xxii**, 265, 266; restoration of the lower lip, after the method of, **xxi**, 688.
- REHN, L.**: Surgery of heart and pericardium, **xlvi**, 934; suturing of penetrating wounds of heart, **xxviii**, 666.
- Renal** (see Kidney, Nephrectomy, Nephrolithotomy, Nephrorrhaphy, Nephrotomy) abscess, metastatic, **xli**, 792.
- Affections, curative action of minor operations, **xvii**, 250.
- Calculi, **ii**, 271, 423, 424, **viii**, 39, 40, 41, **xliv**, 117, **xlvi**, 930; bilateral, **xliv**, 113; cases, **xxxiii**, 766; diagnosis of obscure cases, **xlvi**, 905; diagnosis and removal of, **x**, 156; incision as a possible treatment in, **vi**, 257; maggots within the stone, **xlvi**, 778; nephrectomy for, **xviii**, 671, **xxx**, 328, 347, **xxxix**, 1018; operations for, multiple and consecutive, **xlvi**, 600; retention, conservative operations for, **xxxiii**, 369; Röntgen rays, detection of, by, **xxx**, 178, 344; Röntgen-ray diagnosis of, **xxxix**, 748; Röntgen rays, diagnosis of, by aid of, **xxxi**, 163, 264; urine, suppression of, after removal of, relieved by saline infusion, **xxii**, 266, 267, 268; young child, in, **xxxvi**, 283.
- Carcinoma, nephrectomy for, **xii**, 389, **xliv**, 118.
- Catheter as an aid in the diagnosis of valve-like obstruction of the ureter, **xlvi**, 870.
- Cyst, large, **xliv**, 959; multilocular, contribution to the surgery of, **xxxiii**, 147.
- Diseases, blood and urine in, freezing point of, **xxxv**, 692, 693; diagnosis and treatment, practical experience in, **xxxv**, 693; sufficiency, diagnosis of, **xlvi**, 588; surgical, diagnosis and treatment of, **xxiii**, 257, 288.
- Fistulæ, **vi**, 35.
- Hemorrhage, without organic changes in kidney, **xxix**, 382.

- Hepatic, and, calculi, differential diagnosis of, possible cause of difficulty in, **xxxvii**, 36.
- Operations, transverse incision in, **xix**, 94.
- Pelvis, papilloma of, causing hydronephrosis, **xxxix**, 743.
- Stricture, non-cancerous, excised by incision in posterior vaginal wall, **xxii**, 287.
- Surgery, **ii**, 85, 86, 87, 286, **iii**, 248, **xii**, 379.
- Tuberculosis, **xxix**, 496; diagnosis of, a contribution to, **xlvi**, 13; nephrectomy, **xli**, 129; nephrectomy, **xliv**, 625; surgical treatment in, **xxxvi**, 310.
- Tumors, **viii**, 38, 42.
- Ureteral, and, calculi, observations on, **xliv**, 670, 718; Röntgen method of diagnosis of, value of, **xxxiii**, 435; surgery, contribution to, **xlvi**, 703.
- Varix, **xliv**, 652.
- Vessels, hemorrhage from bullet wound, **xxxvii**, 948.
- Wounds and tissue, histological processes which take place in the healing and restoration of, **xvi**, 449.
- Review of Book: Renal Surgery, by Morris, **xxix**, 399.
- Resection of alveolar border of inferior maxilla for neuralgia**, **ii**, 260.
- Ankle (see also Elbow, Tibia), from an external transverse incision, **vi**, 144.
- Astragalo-scapoid joint, **vi**, 145.
- Bladder, partial, **ii**, 426.
- Bone in injuries with extensive destruction of soft parts, **iii**, 525.
- Dystrophies observed after, **viii**, 113.
- Elbow, **v**, 443; new method for, **xiv**, 523; elbow and shoulder, cases of, **xxviii**, 255.
- Facial nerve for neuralgia, **iii**, 272.
- Final results of joint, **ii**, 516.
- Foot, osteoplastic, **iii**, 425; after Wladimiroff-Mikulicz, **v**, 161, 553; foot and hand, longitudinal incisions in, **xiv**, 397.
- Gut in strangulated hernia, **vi**, 513, 514.
- Hip-joint, **ii**, 169, 170.
- Infraorbital nerve, **iii**, 339.
- Intestine, **ii**, 81, 420.
- Knee-joint, **ii**, 258, **v**, 441, 443; post-operative treatment of, **vi**, 424.
- Large intestine, **iii**, 469.
- Maxillary joint, **ii**, 415.
- Nails and drills for fixation after, **iv**, 269.
- Necrosed clavicle, subperiosteal, **iv**, 373.
- Orthopaedic, **v**, 443.
- Pylorus, **ii**, 79, 269, **vi**, 74.
- Rib, **ii**, 413, 416, **iv**, 179.
- Shoulder, **vi**, 45.
- Spinal accessory nerve, **vi**, 64.
- Stomach, with subsequent gastroduodenostomy, new method of, **xv**, 481.
- Superior maxillary and inferior dental nerves for neuralgia, **iii**, 236.
- Thorax, **ii**, 413, 416.
- Wrist, **vi**, 45; for tuberculous disease, **vi**, 52.
- Resorcin inoculation, abortive treatment of digital phlegmons by**, **v**, 267.
- Respiration and heart motion**, **vi**, 442.
- Respiratory system, Experimental Researches into the Surgery of the**, by Crile (review of), **xxxv**, 850.
- Rest and fixation for joint diseases**, **iii**, 175.
- Limitations of, in the treatment of fractures, **xv**, 148.
- Retention of patients in any desired position, apparatus for**, **xlvi**, 135.
- Retrocolic abscess, appendicitis, from**, **xxxix**, 102.
- Hernia, **xliv**, 572.
- Retroflexion, of uterus, anterior cuneihysterectomy for**, **xxvii**, 248; by a recent operative method, treatment of, **iv**, 369; Duhrssen's method for operative cure, **xvi**, 478; treatment of, **xxvii**, 535.
- Retroperitoneal abscess**, **xl**, 415.
- Fibrolipoma, **xxvii**, 657.
- Gland, solid tumors, primary,



- xxxvii, 372; tuberculosis of, xxxvii, 620.
- Retropharyngeal sarcoma**, xl, 270.
- Retrosternal accessory thyroid tumor**, xli, 661.
- Struma, calcified, xx, 602.
- Retzius**, inflammation of space of, iii, 254, v, 434.
- Reversal of the circulation in a limb**, xliii, 203.
- REYNOLDS, EDWARD**: Retroperitoneal perirenal lipomata, xlv, 60.
- REYNOLDS, HARRY B.**: Papilloma of the renal pelvis with massive hydronephrosis, xxxix, 743.
- REYNOLDS, M. G.**: Contribution to the study of hip-disease, xxviii, 435.
- Rhachitic deformities of lower extremities**, surgical management of, i, 492.
- Rhachitis**, adolescent, osteotomy for, xlv, 453.
- Adolescentium, ix, 308.
- Deformities consequent upon, ix, 241.
- Hypertrophy of skull in, viii, 302.
- Rheumatic arthritis of hip-joint**, chronic, iii, 529; surgical treatment of acute, xxvii, 177.
- Endocarditis, gangrene of leg following, xlv, 635.
- Rheumatism**, acute articular, surgical treatment of, xxix, 469.
- Chronic articular, treatment of, xxi, 231.
- Gonorrhœal, relation of, to seminal vesiculitis, xli, 903.
- Pseudo, xv, 47.
- Rhinitis**, chronic hypertrophic, i, 279.
- Rhinolith**, case of, xii, 438.
- Rhinophyma**, xxxix, 665, 818.
- Rhinoplastic operations**, v, 501.
- Technic, x, 448.
- Rhinoplasty**, xiv, 254; arm, from, xx, 598; case of, xxv, 95, 187; nose, sunken, for, xlvii, 1059; osteoperiosteal flaps in, ix, 139; for pug nose, vi, 252.
- RHOADS, THOMAS L.**: The diagnosis of abscess of liver, xxxix, 711; treatment of acromioclavicular dislocation, xxvii, 40.
- Rib**, cervical, xxviii, 509, xli, 766, xlv, 630, xlv, 38; bilateral, xlii, 123.
- Drainage of lung abscess, and, resection of, viii, 311.
- Empyema, resection of, for, xxiii, 602.
- Fracture of, viii, 213.
- Fragment of, in the urinary bladder, case of, xxv, 747.
- Greenstick fracture of, with pyopneumothorax, xxxiii, 62.
- Hypochondriac and epigastric regions, osteoplastic flap of arch of, for, xxxviii, 764.
- Method of total resection of, first, xvi, 391.
- Osteochondroma of, x, 129, xxiv, 52.
- Post-typhoidal infection of, xxxvii, 253.
- Preliminary to pericardiac paracentesis, resection of, ii, 416.
- Resection of, iv, 179, vi, 160; with external pressure in apical tuberculosis, i, 145.
- Sneezing, fracture of, from, iii, 100.
- Twelfth, with reference to surgical anatomy of the kidneys, ii, 286.
- Rice bodies**, tuberculous joints and tendon sheaths, in, xxv, 787.
- RICHARDS, A. N.**: Study of the pathology and metabolism of delayed chloroform poisoning, xlix, 419.
- RICHARDSON, MAURICE.**: Case of disappearance of sarcoma after severe wound infection, xxviii, 741; case of intraperitoneal suprapubic stone—cystotomy, xxiii, 136; contribution to the surgery of gall-bladder, xviii, 379; ectopic pregnancy and hemorrhage, xx, 705; œsophageal diverticulum, xxxi, 525; treatment of perforative peritonitis, xlvii, 1048; splenectomy for myelogenous leukæmia, xlii, 656; stone in the kidney, xlvii, 1057; two cases of perforating gunshot wounds of kidney, xxiv, 717.
- Richter's hernia**, vii, 52; case of, xxxix, 446, 448.

**Rickets** (see Rhachitis).

**RICKETTS, B. M.:** Case of carcinoma of ileum, **xix**, 472.

**Rider's bone**, **x**, 217.

**RIDLON, J.:** Disease in sacro-iliac articulation, **xvii**, 285; fractures involving hip-joint, **xxxiii**, 805; fractures of the neck of femur, **xvi**, 60; treatment of fracture of the neck of femur, **xxxiv**, 61.

**RIEDEL:** Surgery of the gall passages, **xlvi**, 938.

**RIES, EMIL:** Ankylosis of jaw, **xlii**, 137; cholecystectomy *vs.* removal of the mucous membrane of the gall-bladder, **xxxvi**, 503; decapsulation for chronic nephritis, **xxxix**, 627; mesosigmoiditis, and its relation to recurrent volvulus of the sigmoid flexure, **xl**, 523; scopolamine-morphine anæsthesia, **xlii**, 193; strictures of the rectum, **xlii**, 140.

**Rifles**, small-calibre, new, surgical relation of, **xxi**, 479.

**RIGBY, HUGH M.:** Operative treatment of calculi impacted in the pelvic portion of the ureter, **xlvi**, 793; successful removal by œsophagotomy of a toy bicycle impacted in the œsophagus, **xliii**, 347.

**RIGGS, E. P.:** Two cases of laminectomy for fracture, **xix**, 661.

**RILEY, ESTELLA M.:** Congenital inguinal telelymphangioma—remarks on congenital tumors of childhood, **xxx**, 600.

**Risk** in carcinoma, law of accelerating, **xlii**, 903.

**RIXFORD, EMMET:** Excisions of the chest wall for malignant tumors, **xliii**, 35; operative treatment of exophthalmic goitre, **xxxvi**, 397; surgical kidney affections, **xlvi**, 1058.

**ROBB, HUNTER:** New spigot attachment to facilitate asepsis, **xix**, 233.

**ROBERG, O. THEODORE:** Sialolithiasis, **xxxix**, 669.

**ROBERTS, ALBERT J.:** Typhoid fever with multiple perforation—recovery after repeated operations, **xlix**, 392.

**ROBERTS, A. S.:** Case of deformity of the forearm and hands with an unusual history of hereditary congenital deficiency, **iii**, 135.

**ROBERTS, JOHN B.:** Abdominal contusions, **xxxvii**, 624; ambulatory treatment of fractures of leg, **xxiii**, 473; amputation of upper extremity in recurrence of malignant disease after excision of breast, **xxvii**, 111; angioma of lip, **xliii**, 453; bone metastases in carcinoma of the breast, **xlvi**, 324; case of congenital absence of vermiform appendix, and of intestinal diverticulum, **xxiii**, 611; of successful transperitoneal ureterolithotomy, **xxii**, 363; of persistent thyroglossal duct, **xxv**, 711; of congenital subspinous dislocation of head of the humerus, **xxii**, 782; of successful operation for closure of cleft palate, **xxv**, 184; of primary tuberculosis of vertebral laminae and spines, **xix**, 597; catheterization of ureter in the female, **xxii**, 676; clinical experiences with Meckel's diverticulum and other vestiges of the omphalomesenteric duct, **xliv**, 87; compensatory knee-joint, between tibia and semilunar cartilages, **xli**, 283; congenital anterior dislocation of the tibia treated by arthrotomy, **xxxiv**, 286; congenital dislocation of the knee, **xlix**, 276; cranial hyperostosis, **xxiii**, 305; cyst of hernial sac, **xxii**, 123; diagnosis of fractures by use of Röntgen rays, **xxx**, 511; dislocation of head of humerus, complicated with impacted fracture of its anatomical neck, **xxii**, 116; drainage in empyema, **xxii**, 120; endothelium of the palate, **xlvi**, 782; entanglement of soft tissues between fragment as a cause of non-union after fracture of humerus, **xxv**, 638; œsophagotomy for impacted coin, **xlvi**, 297; excision of half of the lower

jaw and half of the tongue for epithelioma, **xl**, 306; of the lumbar lymph nodes for malignant disease of testicle, **xxxvi**, 539; subclavian vein, **xxvii**, 93; of, in treatment of spina bifida, **xix**, 253; extremely vicious union of a femoral fracture successfully treated by osteotomy, nailing, and vertical traction, **xl**, 312, 313; fibro-angioma of thigh, **xxiii**, 431, 487; foreign body left within the cranial cavity, **xliii**, 457; fracture of lower extremity of radius, with anterior displacement of lower fragment, **xl**, 423; gas-ether anaesthesia, **xlvi**, 477; gastric and duodenal ulcers secondary to wounds of the urinary bladder, **xlvi**, 924, 1052; gastrojejunostomy, **xxxi**, 504; gastrotomy, **xxxv**, 284; gunshot injury of the left hypoglossal nerve, **xlvi**, 155; ignorance of surgeons regarding fracture of the lower end of radius, **xxix**, 272; iliac dislocation complicated by fracture of neck of femur, **xxiii**, 207; infection by *Bacillus aërogenes capsulatus* in an open fracture of radius and ulna, **xxxiii**, 768, 771; injury to nerves following fractures, **xxiii**, 201; leontiasis, **xxiii**, 303; lithotomy after closure of exstrophy of bladder, **xxi**, 181; multiple cystomas of liver, **xix**, 251; new operation for relief of complete prolapse of rectum, **xi**, 255; objections to inhalers for anaesthesia, **xxviii**, 280; open measures in the treatment of fractures, **xxv**, 761; operating in two stages in strangulated hernia with threatening gangrene, **xlix**, 295; operative surgery of the human brain, **ii**, 1, 110, 214; operative treatment of aneurism, **xxii**, 803; of cirrhosis of liver, **xxxiii**, 792; of fracture of patella, **xxiv**, 229; osteitis deformans, **xxxix**, 438; osteophyte of femur mistaken

for movable body in knee-joint, **xl**, 142; osteoplastic resection of the skull, **xlvi**, 830; pedunculated myxoma of abdominal cavity, **xxiii**, 295; perforating gastric ulcer, **xlii**, 128, **xliv**, 957; perforating typhoidal appendicitis, **xliv**, 310; permanent drainage of both kidneys through lumbar opening, **xlvi**, 148; phantom ureteral calculi, **xl**, 316; pickaxe wound of brain, **xx**, 93; plastic reconstruction of the eyebrow and upper eyelid from the tissues of the scalp, **xl**, 790; postoperative treatment, **xlvi**, 327; postorbital gunshot wound of skull, **xl**, 148; postvaccinal tetanus, **xxxv**, 522; pulmonary complications after abdominal operations, **xl**, 151; pyloroplasty for non-malignant stricture, **xxxi**, 503; pylorus normal seven years after simple pyroplasty for stricture, **xliv**, 716; relation of the technic of nurses and of hospital apparatus to the healing of wounds, **xliv**, 456; removal of loose cartilages from the knee-joint, **xxiii**, 204; result five years after excision of humeral head for congenital subacromial dislocation of humerus, **xlix**, 431; rhinoplasty, **xlvi**, 1059; rupture of kidney, **xl**, 308; simultaneous operations for appendicitis and mastoiditis, **xxiii**, 613; stab wound of the diaphragm, **xlvi**, 635; sacculated bladder, **xxv**, 749; screw and plate fixation of fractures of the tibia, **xlii**, 774; stab wounds of the heart, **xl**, 794; substitution of muscular bellies in traumatic rupture of extensor muscles in forearm, **xxiv**, 55; suppurating rupture of an ovarian tumor, **xxv**, 748; tarsectomy for talipes, **xxvii**, 776; tetanus after abortion, **xxvii**, 233, 236; tonsillotomy, **xxvi**, 130; transperitoneal examination of the ureter in cases of suspected

- ureteral calculus, **xlili**, 777; traumatic rupture of the biceps muscle with open fracture of elbow, **xxiv**, 57; traumatic ulcer of stomach, **xliv**, 956; treatment of compound fractures of lower extremity, **xxlii**, 459; of delayed union in fractures, **xxvii**, 95; of fractures of lower end of humerus, and of the base of the radius, **xvi**, 1; of exstrophy of bladder, **xli**, 469; of intercapsular fractures of the femur, **xlili**, 284; of patella, **xxii**, 680, **xxxix**, 1027; of perforative appendicitis, **xlvi**, 1048; true double lower lip, **xlvi**, 305; unusual result of fracture of cervical vertebra, **xli**, 474; use of the Masland saw for opening the cranial vault, **xliv**, 319; use of thimble in suturing, **xxix**, 263; varicose aneurism of thigh treated by transperitoneal ligation of the external iliac artery, **xxii**, 372, 391; vesical calculi due to ligatures and bone spicule in bladder, **xxxiv**, 715; volvulus of mesentery, **xxxix**, 1039; of the small intestine in typhoid fever, simulating perforation, **xliv**, 242, 315; water to drink after abdominal section, **xxi**, 185.
- ROBERTSON, SAMUEL: Experimental surgery of lungs, **xlvi**, 184; hypertrophic pyloric stenosis in infant, **xlili**, 201.
- ROBINSON, F. BYRON: Appendix in relation to the psoas muscle, **xxxliii**, 387; cause of pain in certain cases of chronic appendicitis, **xxiv**, 713; distribution of the branches of the iliac artery and the zones of exsanguination resulting from the deligation, **xxxv**, 189; inspection of the abdominal cavity and its viscera in post-mortems, **xxix**, 731; landmarks in ureter, **xxxvi**, 850; navel loop, **xxii**, 343; observation on the absorption of fluids by peritoneum, **xxv**, 332; paraffin cast of calyces, pelvis, and ureters, **xxxviii**, 375; pathology of lymphatics of the peritoneum, **xxxi**, 214; results of partial and complete occlusion of ureters, **xviii**, 402; subperitoneal tissue, **xxliii**, 394; syllabus of intestinal surgery, **xvii**, 557; urachus, **xiv**, 337.
- ROBINSON, E. F.: Gunshot wounds in Filipino-American war, **xxxliii**, 113; operation in two stages for relief of ileus of jejunum, **xlvi**, 224; traumatic abscess of cerebrum, **xl**, 650; tropical abscess of the liver, **xxxviii**, 560.
- ROBINSON, FRED B.: Circular enterorrhaphy by a new method, **xliii**, 81; new method of doing Jobert's operation, **xliii**, 426.
- ROBSON, A. W. MAYO: Cases of operation upon gall-bladder, **xx**, 234; five cases of cholecotomy, **xxliii**, 326; peptic ulcer of jejunum, **xl**, 186; ruptured repair of crucial ligaments, **xxxvii**, 716; separation of lower femoral epiphysis, **ix**, 107, **xviii**, 1; supracoracoid dislocation of shoulder, **viii**, 175; treatment of spina bifida by plastic operation, **xxii**, 81.
- ROCKEY, A. E.: Operations involving free opening of the thorax—inflation of collapsed lung, **xliv**, 382.
- ROCKWELL, F. W.: Neurectomy of infra-orbital nerve, **i**, 345; removal of both testicles for recurrent carcinoma of epididymis, **viii**, 446.
- Rodent ulcer, treatment of, **viii**, 101.
- RODMAN, WILLIAM L.: Acute carcinoma of breast, **xliv**, 150; bone metastases in carcinoma of the breast, **xlvi**, 324; best incision in operations for mammary carcinoma, **xxxiv**, 135; carcinoma of the breast, **xlili**, 316; of pylorus—hour-glass stomach, **xliv**, 425; of the penis following circumcision, **xxxv**, 655; cavernous angioma of the upper extremity, **xlvi**, 469; galactoceles, **xl**,

278; fracture of femur during childbirth, **xxxiii**, 784; gall-bladder drainage after gastro-enterostomy, **xli**, 291; gas-ether anæsthesia, **xlvi**, 477; gastroplication, **xl**, 280; gunshot wound of abdomen, **xxxv**, 119; hernia after operation for appendicitis, **xxxix**, 129; how frequently do gastric ulcers become carcinomata? **xlvi**, 922, 1052; infantile paralysis treated by tendon transplantation and nerve anastomosis, **xlvi**, 476; infections of knee-joint, **xli**, 137; interscapulothoracic amputation, **xxxvi**, 456; intestinal anastomosis, **xxxv**, 280; perforation in typhoid fever, **xxxviii**, 129; suture, **xxxv**, 823; management of incisions in common gall-duct, **xxxvii**, 115; obstruction by an intestinal enterolith, **xxxvi**, 300; operative treatment of perforated typhoid ulcer, **xxxix**, 125; pancreatitis resembling carcinoma—a series of breast cases, benign and malignant—a series of goitre cases, **xlvi**, 315; patella fracture treated by wiring, **xxxvi**, 145; perforation of the bowel in typhoid fever, **xlvi**, 477; post-operative treatment, **xlvi**, 326; recovery after extensive fracture of skull, **xlvi**, 153; results in cases of advanced carcinoma of breast, **xxxvi**, 454; results of operations for sarcoma of bone, **xxxiv**, 507; ruptured ectopic pregnancy during typhoid fever, **xlvi**, 323; sarcoma of the breast in a child of eleven years, **xlvi**, 308; of parotid, **xxxv**, 656; subphrenic abscess following appendicitis, **xlvi**, 468; suture of fractured patellæ, **xxxix**, 1025; transperitoneal examination of the ureter in cases of suspected ureteral calculus, **xlvi**, 776; transverse incision for the removal of the appendix, **xlvi**, 153; treatment of gastric ulcer, **xxxix**, 115; of hemorrhoids, **xxxv**, 826;

of perforating gastric ulcer, **xli**, 954; of tetanus, **xxxv**, 521; of nephropexy, **xxxvi**, 151; twenty-one gunshot perforations of intestines, **xlvi**, 313; wounds of the venous sinuses of brain, **xxxiv**, 188.

ROE, W. J.: Bilateral bony ankylosis of temporomaxillary articulation, **xxxviii**, 212.

ROECKEL, W. J.: Rectal examination in intestinal obstruction, **iii**, 333.

ROGERS, C. C.: Abdominal wall suture, **xli**, 440; acute tetanus treated by intraneural and spinal injections of antitoxin, **xli**, 417, 759; chemical hypothesis for the etiology of carcinoma, **xxxviii**, 280; chemistry of the blood in carcinoma, hypothesis for etiology of carcinoma, **xxxviii**, 444; chronic laryngeal stenosis, **xxxiv**, 432, **xxxvi**, 138, **xli**, 458; congenital stenosis of pylorus, **xlvi**, 141, 763; extensive peritonitis, **xlix**, 709; gastro-enterostomy, **xxxix**, 596; gastrojejunostomy—pyloroplasty, **xxxix**, 279; hemorrhage after operation for hemorrhoids, **xli**, 459; hydatid of liver, **xxxv**, 425; injury of ureter during hysterectomy, **xlix**, 560; intestinal obstruction following operation for appendicitis, **xl**, 122; misplaced testis, **xxxvii**, 102; nephrectomy for hypernephroma, **xlvi**, 616; operations for neoplasm of tongue, **xlvi**, 553, 630; post-diphtheric stenosis of the larynx, **xxx**, 547, 747; present status of the operation of gastro-enterostomy, **xxxix**, 512; prostatectomy by Alexander's method, **xxxiii**, 476; remarks on appendicitis, **xli**, 763, 766; sarcoma of hip, **xxxvii**, 103; of vertebra, **xxxvii**, 103; spasmodic treatment of wry-neck, **xxxiv**, 428; treatment of tetanus by injections of antitoxins, **xxxi**, 366; tuberculins and the tuberculo-opsonic index, **xlvi**, 644; ununited fracture of leg, **xxxvii**, 439; use of



- thyroid serum in the treatment of exophthalmic goitre, **xvii**, 789.
- ROGERS, JOHN**: The significance of thyroidism and its relation to goitre, **i**, 1317.
- ROGERS, W. B.**: Gastrostomy, **ix**, 81; operation for removal of colossal cystic tumor of lower jaw, **vi**, 126.
- Rolando**, fissure of, new method to determine the position of, **xiv**, 401.
- Roller bandage**, by Hopkins (review of), **xxxvi**, 645.
- ROME, ROBERT R.**: Excision of tuberculous mass from liver, **xxxix**, 98.
- Röntgen-rays**, foreign bodies, use of, to locate swallowed, **xxvii**, 64; for localization of, embedded in the tissues, **xxxviii**, 478; inflammatory processes and neoplasms of the bones, differentiation between, by the, **xxxiv**, 753; in lithiasis of the urinary tract, **xlii**, 804; lymphomatosis, general, treated by, **xliv**, 737; orthopædic surgery, uses in, **xxxi**, 266; surgical uses of, **xxxi**, 263; ureteral and renal calculi, aid of, in diagnosis, **xxxi**, 163, 264; uses of, in surgery, **xxvi**, 703; value of in diagnosis of renal and ureteral calculi, **xxxiii**, 435.
- Photographic technic, **xxxiv**, 560; photographs, examples of, **xxiv**, 217, 238.
- Reviews of Books: Röntgen-ray Diagnosis and Therapy, by Beck, **xl**, 156; The Practical Application of Röntgen-rays in Therapeutics and Diagnosis, **xxxviii**, 468.
- Roosevelt clamp** for gastro-enterostomy, **xlvi**, 958.
- Roosevelt Hospital**, kidney, cases of surgery of the, treated in, **xxix**, 10.
- ROSE, LEWIS W.**: Fibrolipoma of jaw and neck, **xliii**, 500.
- ROSENSTEIN, P.**: Extirpation of prostate, **xlvi**, 943.
- Rosinal** and its therapeutic uses, **i**, 275.
- ROSS, GEORGE G.**: Abdominal contusions, **xxxvii**, 624; acute intussusception in typhoid fever, **xxxix**, 604; acute recurrent appendicitis after operation, **xlix**, 277; angina Ludovici, **xxxiii**, 720; cæcal hernia, **xxxiv**, 440; chewing-gum nucleus of a vesical calculus, **xli**, 479; compound fracture of the anterior fossa of skull, **xxxv**, 126; congenital fistula in tongue, **xliv**, 715; extremely vicious union of a femoral fracture successfully treated by osteotomy, nailing, and vertical traction, **xlvi**, 313; fracture dislocation of the atlas without symptoms of spinal cord injury, **xlv**, 634; fractures of the anatomical neck of the humerus, **xlv**, 696; fracture of the neck of the femur in a centenarian, **xxxvii**, 119; of the pelvis and rupture of bladder, **xlv**, 971; gangrene of fat of abdominal wall after operation for umbilical hernia, **xxxix**, 606; after operation for inguinal hernia, **xli**, 477; gangrenous strangulated femoral hernia, complicated by suppurating adenitis, **xli**, 476; gas-ether anæsthesia **xlvi**, 477; general purulent peritonitis, **xliv**, 708; gunshot wounds of stomach, with posterior drainage, **xlvi**, 633; multiple fractures involving the upper extremity, **xlvi**, 318; perforation of skull by iron rod, **xliv**, 460; postoperative treatment, **xlvi**, 328; punctured fracture of skull, **xlvi**, 108; report of cases of subcutaneous rupture of the spleen, with remarks thereon, **xlvi**, 66; result of X-ray examinations of wrist injuries, **xl**, 284; rupture of branches of the middle meningeal artery, **xxxix**, 452; rupture of ligamentum patellæ, **xxxix**, 603; shoe-string as nucleus of vesical calculus leather, **xxxiii**, 648; transperitoneal examination of the ureter in cases of suspected ureteral

- calculus, **xliii**, 777; traumatic perforation of intestinal ulcer, **xxxvii**, 447; rupture of the mesosigmoid and internal hemorrhage, **xxxv**, 123; wound of internal mammary artery, **xliv**, 951; of superior longitudinal sinus, **xxxiv**, 190.
- Rostock clinic**, treatment of carcinoma of the rectum at the, **xxxii**, 861.
- Rotatory fractures**, **ix**, 300.
- ROTHSTEIN, THOR**: Multiple exostosis, including an exostosis within the spinal canal with surgical and neurological observations, **xlvi**, 608.
- Round ligaments**, Alexander operation, method of dealing with, in, **xxv**, 99; shortening for cure of uterine displacements, **i**, 426; by ventro-aponeurotic fixation, **xliv**, 404.
- Roux's operation** for pyloric stenosis, **xlix**, 548.
- ROVSING, THORKILD**: Cancer of kidney and bladder, **xlix**, 118; extirpation of the prostate, **xlvi**, 946; total extirpation of the urinary bladder with double lumbar ureterostomy, **xlvi**, 952; treatment of dry arthritis with injection of vaseline, **i**, 1052.
- Royal Medical and Chirurgical Society of London**, transactions of (review of), **viii**, 239.
- ROYER, B. FRANKLIN**: The serum treatment of anthrax, **xlii**, 290, 296.
- ROYS, CHARLES K.**: Cutaneous horns, **xlvi**, 674.
- ROYSTER, HUBERT ASHLEY**: The inconsistencies of gauze pack, **xlviii**, 219.
- Rubber**, vitality of, **xliii**, 306; vulcanized, for handles for surgical instruments, **i**, 95.
- Tissue**, implanted over foramina after intracranial neurectomy, **xxv**, 97; tic douloureux, subdural interposition of, in operations for, **xxxvii**, **i**.
- RUDIS-JICINSKY, J.**: Value of X-ray in surgery, **xxxiii**, 749.
- RUGBY, HUGH M.**: Pulsating exophthalmos due to traumatic aneurism of the internal carotid artery, **xxxix**, 649.
- RUGH, J. TORRANCE**: Anomalous spinous process of seventh cervical vertebra, **xxxi**, 468, 506; endothelioma of the palate, **xlv**, 782; hemophilic knee-joint—operation—recovery under the use of thyroid extract, **xlv**, 666; hollow bone-drill, **xxxvii**, 454; non-union of tibia, **xxxi**, 510.
- RUBEL, MAURICE**: Device for holding ligatures, **xxxvi**, 951.
- RUGGLES, E. WOOD**: Cause of incontinence as a sequel to prostatectomy, **xli**, 558.
- RÜHRAH, JOHN**: Actinomycosis in man, **xxx**, 417, 605, 722; in America (supplementary report), **xxxi**, 235.
- RUMPER, DR.**: Extirpation of prostate, **xlvi**, 944.
- RUNEBERG**: Cases of pneumotomy for gangrene of lung, **xv**, 479; subphrenicus, **xv**, 480.
- Rupture of the bladder**, **xl**, 271; followed by laparotomy and suture, **v**, 167, 432, 547; method for early diagnosis of intraperitoneal, **v**, 556.
- Extraperitoneal**, of, **xxxv**, 288.
- Gall-bladder**, of, **v**, 321.
- Gluteal artery**, of, **i**, 477.
- Hernial intestine**, of, **v**, 547.
- Long head of biceps muscle**, **v**, 268.
- Quadriceps extensor tendon** on both sides, of, **v**, 455.
- RUSHMORE, JOHN D.**: Anorectal transplantation, **xxxiv**, 655; aneurism above and to inner side of knee, **xxvi**, 511; glottic spasm after removal of laryngeal tube, **xxxi**, 748; herniotomy with cocaine anæsthesia, **xx**, 372; hip-joint amputation, **xxv**, 179; how to prevent the dangers and disagreeable symptoms of ether, **xxviii**, 472, 523; intestinal fistula following appendicitis, **xxiv**, 488, 502; forceps, **xl**, 272; intussusception, **xlvi**, 210, 307; remarks on appendicitis, **xl**, 765, 767; removal of ap-

pendix in operations for appendicitis, **xxi**, 601; Rydygier's method of osteoplastic resection of sacrum, **xx**, 482; sarcoma of femur, **xxxvi**, 616; surgical thoughts on appendicitis, **xix**, 576; thoracotomy for foreign body in bronchus, **xxviii**, 657; treatment of foreign bodies in bronchi, **xxii**, 520; of tetanus, **xxvi**, 510; of fractured patella, **v**, 401; ultimate results of trephining for epilepsy, **xvii**, 332; use of electricity in skin-grafting, **xl**, 404.

**RUSS, RAYMOND**: Fracture of carpal scaphoid, **xli**, 265; of metacarpal bones, **xliii**, 288; new interdental splint for

fractures of lower jaw, **xlii**, 252.

**RUSSEL, R. H.**: Cystic dilatation of the common bile-duct in a child, **xxvi**, 692; etiology of certain congenital tumors of groin, **xliii**, 718; operation for hypospadias, **xlvi**, 244.

**RUSSEL, WILLIAM WOOD**: Treatment of tuberculosis of the uterus and the Fallopian tubes, **xxviii**, 468.

**Rust**, the preservation of needles from, **xxix**, 262.

**RYDYGIER, DR.**: Extirpation of prostate, **xlvi**, 944; treatment of intussusception of intestine, **xxiv**, 243.

**RYERSON, EDWIN W.**: Coxa vara, **xliii**, 634.

## S

**Sabre-blade deformity**, **xliv**, 126.

**Saccharomycosis hominis**, **xxx**, 545.

**Sacral cysts**, congenital, **i**, 115.

Region, surgery of the, contribution to, **xxvii**, 253.

Resection, pelvic operations, in, **xviii**, 463, 561.

**Sacrococcygeal dermoid**, **xxi**, 706.

Tumor, case of, **xii**, 295; excision of, successful, **xxvii**, 255.

**Sacro-iliac disease**, **xvii**, 285.

Dislocation, complete, single, **xxix**, 602.

Joint, tuberculosis of, **viii**, 401, ix, 35, 115.

Synchondrosis, divided in operation for extroversion of bladder, **viii**, 46.

**Sacrum**, osteoplastic resection of, **xx**, 482; as preliminary to resection of rectum, **xix**, 675.

**Saddle-nose**, **xlvi**, 1059; correction of certain forms of, **xlvi**, 206; operation for, **xxiv**, 96, 98, **xxvii**, 377, **xxxiv**, 268, 306.

**Safety-pin**, vesical calculus containing an opened, as nucleus, **xlvi**, 796.

**Salicylic acid injections**, carcinomas, inoperable, in the treatment of, **xix**, 721.

Tracheotomy after, in diphtheria, **iii**, 78.

**Saline infusions**, intravenous, effects of, **xxix**, 288; for shock and acute anæmia, **xv**, 345.

**Salivary calculi**, **xviii**, 38.

Fistula, **xli**, 626.

Glands, tumors of, **xviii**, 591; mixed, of, **xxxix**, 57, 207.

**Salol**, antiseptic action of, **xiv**, 157.

**Salpingitis**, conservative treatment of, **xvi**, 473.

Gonorrhœal, **vi**, 277.

Hæmato-, and, **vi**, 276, **viii**, 69.

Laparotomy, and, **vii**, 461.

-Oöphoritis, case of, **xlix**, 845; pathological anatomy and bacteriology of, experimental study of, **xxiv**, 315.

**Salt solution**, physiological, **xl**, 243; value of, in flushing out abdomen, **xxiii**, 440.

**SALZER, MOSES**: Ileocæcal intussusception due to myoadenoma of the ileum, **xliv**, 730; torsion of the spermatic cord, **i**, 957.

- SAMPSON, JOHN A.:** Operations on the lower ends of the ureters, under local anæsthesia, **xli**, 216; renal catheter as an aid in the diagnosis of valve-like obstruction of the ureter, **xlvi**, 870.
- SANDS, H. B.:** Rupture of the ligamentum patellæ and its treatment by operation, **iii**, 189; use and abuse of passive motion, **v**, 305.
- Saphenous vein**, congenital ossification, **xxxiv**, 706; cystic distention of internal, simulating femoral hernia, **xxxii**, 297.
- Sarcoma**, **vi**, 44.
- Abdomen, of myo-, **iv**, 448.
- Abdominal walls, of the, **xx**, 372, **xxix**, 363; cured by mixed toxins, of, **xxvi**, 232; and pelvis, inoperable spindle-celled, **xlvi**, 769.
- Amputation, interscapulo-thoracic, for, **xlvi**, 785.
- Appendix vermiformis, of, **xlvi**, 968.
- Axilla, of, **iii**, 515.
- Back, of, cured by mixed toxins, **xlvi**, 465; recurrent proposed treatment by mixed toxins, **xxii**, 263, 264, 265.
- Bile duct, of common, and ampulla of Vater, **xlvi**, 948, 1058.
- Bladder, of, **iii**, 352, **v**, 276, 278, **ix**, 393, **xlii**, 831; of male, **xv**, 137.
- Bone, of, affecting lower extremities, **viii**, 155; long, **xxxvi**, 613; results of operations for, **xxxiv**, 594.
- Brain, of, removal of, **vi**, 149; trephining for, **v**, 505.
- Breast, of, **xlix**, 426, 428; in a child of eleven years, **xliii**, 308.
- Cæcum, case of, of the, **xxiv**, 42; resection of, for, **xix**, 735.
- Chest wall, of, cured by injections of mixed toxins, **xl**, 1019; extensive thoracotomy, **viii**, 254.
- Chondro-, **iv**, 359.
- Chondro-osteoid-, of thyroid body, **iv**, 272.
- Clavicle, **ii**, 343; excision of, for recurrent, **viii**, 232.
- Colon, resection of, **xxi**, 592.
- Cystic, of, in an infant, **xlvi**, 161.
- Endocranial, extirpation of, **xviii**, 71.
- Excision of both external carotids for, **xxvi**, 366.
- Female breast, of, **vi**, 413.
- Femur of, **xxxvii**, 100; after complicated fracture, **xvi**, 175; cured by injections of mixed toxins, **xxxvii**, 435; hip-joint amputation, **xxix**, 110; without recurrence five years after amputation through the trochanter minor, **xvi**, 175; young child, in a, **xxvii**, 594.
- Fibro-, or spindle-celled, **iv**, 547.
- Fibula, of, **xxvii**, 730, 741.
- Forearm, of, **xlix**, 101.
- Fracture, originating in, **v**, 76.
- Hand, of, cured by injections of erysipelas toxins, **xxiv**, 501.
- Head, of, **vii**, 215.
- Hip, at, disarticulation for, **xliii**, 623.
- Hip-joint, of, **xxvii**, 103; amputation for, **xxv**, 93, **xxix**, 110; tendency to recurrence after, **xxxiv**, 584.
- Hodgkin's disease, and, **xlvi**, 1060.
- Humerus, of, **xxxix**, 997, **xlvi**, 829.
- Inoperable, cured by mixed erysipelas toxins, **xxv**, 174; treated successfully by mixed toxins, **xxx**, 510.
- Interscapulo-thoracic amputation for, recurrence successfully treated with mixed toxins, **xlvi**, 807.
- Intestine and mesentery, of the small, **xvii**, 111, **xlvi**, 242.
- Ischiorectal fossa, originating in, **xlvi**, 310.
- Jaw, of, **xlii**, 607; upper, of, **xxx**, 225; treated by excision of both external carotids, **xxiv**, 494; in young child, **xxxvi**, 285.
- Kidney, of, **xxiii**, 259, **xlix**, 429; cystic, large, laparotomy

- for, vi, 257; in children, xxvi, 529; nephrectomy, xxii, 269, 270; nephrectomy for, ii, 423, xvii, 68, xxiii, 259, 747, xl, 595; no recurrence after nephrectomy, xxvii, 364; removal of for recurrent, xxv, 745.
- Knee-joint, of, iv, 359; floating, vi, 76.
- Knowledge of, contribution to, xiv, 199.
- Larynx, of, v, 357.
- Liver, excision of, from, xiii, 151; of the whole left lobe of the, for, xlvii, 33.
- Long bones, xxxvi, 614, xlv, 321.
- Mandible, of, xlix, 614, 734.
- Melanotic, multiple, xxx, 221.
- Mixed toxins, treated by, xlvii, 455, 805, 807.
- Myelogenous, of long bones, resection of, xviii, 247.
- Myoma, and, stomach, of, xlv, 637.
- Nasopharyngeal, treatment of a case of, xxiv, 44.
- Neck, of, favorable effect of X-ray and Coley's fluid, xlii, 134; immunity from recurrence after removal, xxxvii, 938; tonsils, and, of, xlv, 148.
- Nose and orbit, of, xli, 152.
- Omentum, primary, of the, xlv, 16.
- Ovary, of, xli, 300, 946.
- Parotid, of, cured by injections of mixed toxins, xxxv, 431.
- Pharynx, of, removal of, vi, 156.
- Pleura, primary of, resection of chest wall and diaphragm for, xliii, 759.
- Prostate, primary, of, xlvii, 58.
- Pubes, of, xlv, 946.
- Rectum, of, melanotic, iii, 225.
- Recurrence of, frequency of, xxxiv, 375; operations for, xxxiv, 594.
- Results in 125 cases of, xl, 161, 268.
- Retroperitoneal, v, 258, 259, 272.
- Ribs, of, cured by operation and injections of mixed toxins, xxxvii, 440.
- Scalp, of, viii, 110.
- Shoulder, of, xxxi, 373; melanotic, xlvii, 464.
- Skin, of, spindle-celled, iv, 358.
- Spine, dorsal, of the, xlvii, 819.
- Splenectomy for, xliii, 759.
- Sternum, spindle-celled, of the, successfully treated with mixed toxins of erysipelas and *Bacillus prodigiosus*, xlvii, 805.
- Stomach, of, operative treatment of, xxiii, 733; and pylorus, of, viii, 213.
- Superior maxilla, of, xxxiv, 300, 437; non-recurrence after removal of, xxxii, 134; without recurrence in three years, xix, 241.
- Testicle, of, undescended, xvii, 448.
- Thigh, of the, xxix, 624, xlv, 629; large parosteal, xxiv, 188.
- Thyroid, of, iv, 272, xlv, 829.
- Tibia, of, xxvii, 371; causing spontaneous fracture following bony union, viii, 319.
- Tongue for, excision of, xxxvii, 273; late result of removal of, xxii, 271.
- Toxins of erysipelas and *Bacillus prodigiosus*, cured by, xxviii, 244; mixed, treated by means of, xliii, 610; use of, in the treatment of, xxiii, 177.
- Transmissibility of, xii, 351.
- Traumatism, xxx, 643; influence of, on the development of, xxvii, 259.
- Treated by electrolysis and cataphoresis, xxvi, 196; by incision, radium, and extirpation, xlii, 268.
- Ulna, of, xlv, 768.
- Uterus, of, xvii, 111.
- Wound infection, disappearance of, after, xxviii, 741.
- X-ray, cured by, and mixed toxins, xli, 770, 771; of pelvic organs not benefited by, or Coley's fluid, xlii, 132; treatment of, final results of, xlii, 161.
- Sarcomatous** degeneration of uterine myoma, xlii, 127.
- SARGENT, PERCY W. G.: Intestinal obstruction due to fibrous stricture consequent



- upon strangulated hernia, **xxxix**, 733; volvulus of cæcum, **xli**, 63.
- Sawdust** as a wound-dressing, **iii**, 340.
- SAXON, GORDON J.**: Apparatus for the introduction of salines into the rectum, **xliv**, 404, 440.
- SAYRE, REGINALD**: Discolorations of the semilunar cartilages of the knee-joint, **xxviii**, 527.
- Scalp**, avulsion, total, of, **xl**, 644.
- Cirsoid aneurism of, **xi**, 93.
- Cornu cutaneum, of, **xliv**, 908.
- Extirpation of wens in, **iv**, 227.
- Fatal wound of, **i**, 277.
- Flap, with permanent buried vascular pedicle for covering defects of the face, **xvii**, 677.
- Hæmostatic suturing of, **xli**, 794.
- Reconstruction of eyebrow and upper eyelid from the tissues of the, plastic, **xliv**, 790.
- Sarcoma of, **viii**, 110.
- Review of Book: The Scalp, by Jackson, **vii**, 238.
- Scapoid bone**, carpal, dislocation of, **xxxviii**, 97; fracture of, **xxxiv**, 297, **xli**, 321, 863, **xliv**, 260; anterior, **xxx**, 213; dislocation, with habitual, **xli**, 265; fracture of the tarsal, **xlvi**, 633.
- Carpal, fracture and dislocation of semilunar, **xlvi**, 161; fracture, simple, of, **xlvi**, 72, 130; and dislocation of, **xxxv**, 516, 574.
- Scapula**, clavicle, with upper extremity and, removal of, **xxii**, 736.
- Congenital dislocation of, **xxxvi**, 314; displacement of, **xxxv**, 651; malposition of, **xxix**, 584.
- Coracoid process of, fracture of, **xliv**, 427.
- Excision of, **xxxvii**, 918; total, **xxxvi**, 245.
- End results after total excision of the, for sarcoma, **i**, 1.
- Extirpation of entire, **iv**, 225.
- Fracture of anatomical neck of, **vi**, 84; of coracoid process of the, **iii**, 174.
- Fracture of old ununited suture, cure, **i**, 491.
- Sarcoma of, **xxxviii**, 115; complete excision of, for, **xxxix**, 807; excision of, for, **xxxi**, 257; interscapulo-thoracic amputation, **xxxix**, 134; removal of, for, **xxxviii**, 308, 602.
- Spine, of, transplantation of, to take the place of defect of humerus, **xxv**, 787.
- Scapulothoracic amputations** of upper extremity, inter-, **v**, 346.
- Scar carcinoma**, **xlii**, 313.
- Scarlatina**, infection in, mixed, **xiv**, 483.
- Scarpa's triangle**, extirpation of tumors of, **iv**, 274; tumors of, vessels and nerve in extirpation of, **iv**, 272.
- SCHACHNER, AUG.**: An improved surgical bed, **xxiv**, 628; comparative value of various measures for relief of prostatic enlargement, **xlvi**, 258; foreign bodies accidentally left in abdominal cavity, **xxxiv**, 499, 678; new operating-table and bowl-stand, **xxxi**, 479; penetrating gunshot wound of abdomen, **xi**, 401; studies upon injuries of the kidneys—nephrolithotomy and nephrorraphy, **xv**, 81, 191; suggestions for operating accessories, **xxi**, 279; surgical aspects of the modern small-bore projectile, **xxxi**, 75.
- SCHAEFER, FREDERICK C.**: Brain protector during craniotomy with Gigli saw, **xxxvii**, 505.
- SCHATHESIS, DR.**: Extirpation of prostate, **xlvi**, 946.
- SCHEDE, MAX**: Extirpation of carcinomatous uterus, by sacral route, **xvi**, 416; non-operative treatment of congenital dislocations of hip, **xxi**, 348; operation for empyema thoracis, **xlii**, 782.
- SCHLANGE**: Treatment of ectopia of bladder, **xv**, 492.
- SCHLAPP, M. G.**: Tumor of brain, **xxxvii**, 279.

- Schleich's mixtures** for general anæsthesia, **xxviii**, 266.
- SCHLESINGER, DR.:** Extirpation of the prostate, **xlvi**, 941.
- SCHLEY, W. SCOTT:** Primary tuberculosis of breast, **xxxvii**, 510.
- SCHLOFFER, DR.:** Suprahyoid pharyngotomy preliminary to removal of tumors of the nasopharynx, **xlvi**, 933.
- SCHONBORN:** Osteoplastic operation for repair of bony defect in the cranium, **xv**, 472.
- SCHROEDER, W. E.:** Cases of injury to the thoracic duct in neck, **xxviii**, 229; diagnosis of cesophageal lesions, **xlili**, 908; obturation ileus, **xliv**, 150; partial excision of right lobe of liver, **xlvi**, 633; separation of the lower femoral epiphysis, **xxxv**, 663.
- SCHUCHARDT, B.:** Neoplasms of the male breast, **i**, 71.
- SCHWAB, SIDNEY J.:** Pathology of trigeminal neuralgia, **xxxiii**, 696.
- SCHWARTZ, G. J.:** Report of a case of anthrax, **xlvi**, 286.
- SCHWINN, J.:** Case of operative injury to thoracic duct at the root of the neck, **xxiii**, 582.
- SCHWYZER, ARNOLD:** Bronchoscopy, with report of a case in which a foreign body was removed from a lung through a bronchoscope, **xxxix**, 194; essential hæmaturia and nephralgia, **xlvi**, 618.
- Sciatic aneurism**, **v**, 55.
- Nerve, sarcoma of, **xxxv**, 649; secondary suture of, **v**, 256. tumor within the sheath of, **xix**, 255.
- Sciatica, scoliosis, with**, **xix**, 751.
- Scirrhus**, gastrostomy for, of the cesophagus, **vii**, 223; resection of large intestine for, **ii**, 81.
- Scoliosis**, anatomy of, the pathological, **xx**, 743.
- Etiology and essential nature of, **vii**, 126.
- Massage, by treatment of, **iv**, 266, **vi**, 485.
- Therapy of habitual, **xi**, 364.
- Scopolamin** sleep, laparotomy, during, **xlvi**, 736.
- Morphine anæsthesia, **xlvi**, 185, 193; dose of scopolamine in, **xlvi**, 640; narcosis, **xxxvii**, 149.
- SCOTT, J. ALLISON:** Diagnosis of gastric ulcer, **xxxix**, 116; of perforating typhoid ulcer, **xxxix**, 122; intestinal perforation in typhoid fever, **xxxviii**, 130.
- Screw** and plate fixation in fractures of the tibia, **xlvi**, 774.
- Plug, preputial orifice, to, for control of paralytic enuresis, **xxix**, 627.
- Scrotum** (see Varicocele), appendical abscess pointing in the right side of the, in a patient free from hernia, **xlvi**, 155.
- Carcinoma of, operative treatment of, **xxii**, 477.
- Flaying of, **iii**, 351.
- Gangrene of, **iii**, 40, 90, 250, 256, **xli**, 785, 841.
- Penis, traumatic lesions of, and, **ix**, 383.
- Perineum, and, elephantiasis of, **xxxv**, 815.
- Primary tuberculosis of, **v**, 430.
- Removal of gauze sponge from, two and a half years after operation for hernia, **xlvi**, 814.
- Self-mutilation of, **viii**, 49.
- Tumors of, fatty, **xv**, 332.
- Wound of, lacerated, **viii**, 53.
- SCUDDER, CHARLES L.:** Arthroplasty for complete ankylosis of elbow, **xlvi**, 711; upon the elbow-joint, **xlvi**, 297; details of the technic of posterior gastro-enterostomy, **xi**, 357; excision of the shoulder-joint, **xlvi**, 696; Harrington's operation of intraperitoneal cystotomy, **xlvi**, 862; bone metastases of hypernephroma, **xlvi**, 851. operation for inguinal hernia, **xli**, 76; operations upon stomach, **xlvi**, 762; primary carcinoma of the hepatic ducts—the report of a case with the autopsy, **xlvi**, 728;

resection of the middle third of the stomach for carcinoma of the greater curvature, **xli**, 712; strangulation of the testis by torsion of the cord, **xxxiv**, 234; torsion of the entire great omentum, **xl**, 916; volvulus of jejunum, **xli**, 214.

**Sebaceous glands** of abdominal wall, **xl**, 486.

**SECORD, EDWARD R.**: Hernia into the ileocolic fossa, **xliv**, 683.

**Section cutting and staining**, by Coleman (review of), **ix**, 477.

**SEELIG, M. G.**: Carcinoma of œsophagus, **xli**, 809; false diverticulum of the vermiform appendix, **xliv**, 78; hæmaturia as a complicating factor in appendicitis, **xlviii**, 388; scopalamine-morphine, as an adjuvant in the administration of general anæsthesia, **xlii**, 185; treatment of the stump in appendectomy, **xl**, 710.

**Segmented ring**, use of, in gastric and intestinal anastomoses, **xl**, 748; in intestinal anastomoses, **xl**, 748.

**SELBY, CLARENCE R.**: The open method in the treatment of Pott's fracture of the leg, **xlvii**, 98.

**Self-mutilation**, cases of, **xi**, 69.

**Seminal gland**, inflammatory diseases of, **ix**, 466.

**Vesicle**, cyst of, aspirated by rectum, **xxviii**, 652; resection of, **xxxii**, 557, 567, 606; tuberculosis, evident of, for, **xxiv**, 219; extirpation of, **xl**, 383; removal of, for, **xxxiv**, 306, 601; gonorrhœal rheumatism, relation of, to, **xli**, 903.

**Semilunar bone**, dislocation of, **xli**, 321, 863; forward, **xxxiv**, 291, 297; and fracture of the carpal scaphoid, **xli**, 161; traumatic dislocation of, **xxvii**, 365.

**Cartilage of knee**, dislocation of, **xl**, 285; knee-joint, of the, cause and mechanical treatment of subluxation of,

**xxviii**, 417, 527; dislocation of, **xlviii**, 726; operative treatment of displaced, **xviii**, 396.

**SENN, E. J.**: Recovery after operation for multiple gunshot wounds of intestine, **xli**, 637; rectovesical anastomosis for exstrophy of bladder, **xxxvii**, 290; transplantation to relieve intestinal defects of omentum, **xxxvii**, 629; treatment of perforating wounds of abdomen, **xxxix**, 469.

**SENN, N.**: Acute osteomyelitis, **xl**, 602; air-embolism, **i**, 517, **ii**, 22, 129, 198; amputation, hip-joint, **xlii**, 311; carcinoma of cheek, **xl**, 601; cysts of ductus thyroglossus, **xl**, 603; of echinococcus, **xlii**, 307; dentigerous tumor of superior maxilla, **xlii**, 310; dermoid cyst of lung, **xlii**, 302; diagnosing gastro-intestinal perforation, by insufflation with hydrogen gas, **viii**, 90; experimental contribution to intestinal surgery with special reference to the treatment of intestinal obstruction, **vii**, **i**, 99, 171, 264, 367, 421; fibroma of periosteum, **xl**, 604; fracture of humerus, **xlii**, 314; gout simulating myositis ossificans, **xl**, 605; lipoma arborescens of knee, **xl**, 605; method of implantation of decalcified bone, **xvii**, 107; multiple tubercular abscess, **xl**, 602; new method of direct fixation of the fragments in compound and ununited fractures, **xviii**, 125; operations in carotid arteries for malignant disease of head, **xlii**, 310; plastic of face, **xlii**, 313; rectoplasty, **xlii**, 313; scar carcinoma, **xlii**, 313; secondary suture of ulnar nerve, **xlii**, 315; treatment of ununited fractures of neck of femur, **xl**, 606; tuberculosis of bones and joints by parenchymatous and intra-articular injection, **xv**, **i**; verruca senilis, **xl**, 604.

- Senile gangrene**, extremity, lower, of the, **xv**, 131; pathogeny of, **ix**, 451.
- SENNANDER**: Repair of cranial defects, **xv**, 474.
- Sepsis**, **iii**, 321.
- Septic** infarcts, multiple, kidney, of the right—nephrectomy, **xliv**, 622.
- Infection, immunity from effects of, through auto-inoculation, **xvii**, 299.
- Peritonitis by use of purgatives, treatment of, **vi**, 160.
- Wounds, disinfection of, **xviii**, 455.
- Sequestration anæmia** in brain and skull surgery, **xlvi**, 161.
- Serous cyst**, mesentery, of, **xvii**, 96.
- Membranes, formation of adhesions of, **xxii**, 811.
- Review of Book: Adhesions of Serous Membranes, by Graser, **xxii**, 811.
- Serum** reaction in cancer, **xlix**, 27.
- Serumtherapy**, staphylococcus infection in, **xxvii**, 242.
- Tetanus, of, **xliv**, 321.
- Servo-Bulgarian** war from a surgical point of view, **iv**, 381.
- Sewing** cushion and chair for working schools, **xvi**, 270.
- Sexual Disorders** of the Male and Female, by Taylor (review of), **xlili**, 479; Disorders of the Male Sexual Organs, by Fuller (review of), **xxiii**, 360.
- SEYMOUR**, WILLIAM W.: Case of total laryngectomy, **xxvi**, 637.
- SHAFFER**, NEWTON M.: Cause and mechanical treatment of subluxation of the semilunar cartilages of knee-joint, **xxviii**, 417, 527.
- SHAMBAUGH**, GEORGE E.: Bony cysts of the middle turbinated body, **xxxvi**, 109.
- SHANDS**, AURELIUS R.: Inflamed appendix in sac of femoral hernia, **xl**, 380.
- SHARPE**, NORVELLE W.: Transuretero-ureteral anastomosis, **xliv**, 687.
- SHATTOCK**, GEORGE: Neurofibromatosis of tongue, **xxxvii**, 321.
- Sheaths** of hand and wrist, tuberculous synovitis of tendinous, **iv**, 444.
- Palm, of, tendinous, **vii**, 296.
- SHEEN**, WILLIAM: Ligature of innominate artery, **xliv**, 1, 802.
- SHELDON**, JOHN G.: Cirrhosis of stomach, **xxxix**, 341, **xliv**, outer end of clavicle, **xxxviii**, 666; dislocation of the, 403; non-tuberculous osteomyelitis of the os calcis, **xlvi**, 762; old unreduced posterior dislocations of shoulder, **xlvi**, 623; posterior dislocation of the head of tibia, **xxxvii**, 87; posterior incision in certain appendicitis operations, **xl**, 376; surgical treatment of chronic dyspepsia due to defective drainage, and chronic inflammation of the stomach resulting from gastric atony and dilatation, **xli**, 36.
- SHELLEY**, JOHN J.: Enterorrhaphy without buttons, plates, or rings, **xxviii**, 354.
- SHEPHERD**, F. J.: Case of cæcal hernia, **xv**, 122; of cholecystenterostomy performed with Murphy's button—fatal hemorrhage, **xxi**, 581; of nephrolithotomy with remarks on nephralgia and calculus of the kidney, **x**, 339; cholecystotomy for gallstones, **xii**, 330; excision of the bones of the tarsus for tubercular disease, **iv**, 293; of tongue, followed by acute miliary tuberculosis, **viii**, 386; hernia of bladder complicating inguinal hernia, **xl**, 921; histopathology of goitre, **i**, 84; hitherto undescribed anomaly of lingual artery, **ix**, 331; ligature of lingual arteries in excision of the tongue, **ii**, 359; melanotic sarcoma of the common bile duct and the ampulla of Vater, **xlvi**, 948; note on the dissection of a case of lum-

- bar hernia, **xvi**, 137; remarks on the symptoms of bronchocele, and the results of operative treatment, **xxx**, 564; rupture of axillary vein in reducing old dislocation of the shoulder, **xxxv**, 604; surgical treatment of certain forms of bronchocele, **xxii**, 289; of aneurism of external iliac artery by digital compression, **xxxviii**, 498; of congenital pyloric stenosis, **xlvi**, 1053, 1059; of wounds of anterior tibial artery complicating compound fracture of leg, **i**, 7.
- SHERREN, JAMES**: Ileocolic intussusception in an adult, **i**, 875.
- SHERRY, H.**: Laparotomy for gunshot wound of intestine, **viii**, 257.
- SHIELD, A. M.**: Erasion of the knee-joint, **vii**, 115.
- SHIELDS, JOHN FRANKLIN**: The necessity of consent to render surgical operations lawful, **xlii**, 762.
- SHILLITOE, Arthur**: Note on a case of syphilis terminating in death, **xxxii**, 126.
- SHOBER, J. B.**: Appendicitis due to a swallowed bone, **xxiii**, 625; bilateral wrist deformity due to osteitis of radius and luxation of the ulna, **i**, 500; chancre of tongue, **xxii**, 353; cystitis and ulceration of the bladder in women, **xlix**, 777; green-stick fracture of the lower end of the ulna complicating fracture through the lower part of the radius, **i**, 499; skiagraph of deformity after fracture of lower extremity of radius, **xxv**, 194; treatment of osteomyelitis, **xxiv**, 237.
- Shock**, temperature relationship existing in, experimental research into, **xxxviii**, 843.
- Nerve-trunks, of, preventive of, by cocainization of, **xxxvi**, 321.
- Surgical, effects of high altitudes in aggravating, **xxv**, 430.
- Use of hot water in peritoneal cavity during and after laparotomy to prevent, **vi**, 160.
- SHOEMAKER, G. E.**: Catheterization of ureter in the female, **xxii**, 650; chronic colitis as a symptom of appendicitis, **xxvii**, 733; coincident abdominal lesions, **xlvi**, 312; failure of X-ray to benefit sarcoma, **xlii**, 132; fracture of the lower end of radius, **xl**, 284; hernia of the ovary of an infant, **xliv**, 959; ligature in oöphorectomy, **xxiv**, 64; operative treatment of uterine myoma, **xxviii**, 143; pancreatic cyst, **xlii**, 131; papilloma of the vulva in a child, **xxxvii**, 951; phantom ureteral calculi, **xlvi**, 313; post-operative deaths due to embolism of pulmonary artery, **xli**, 147; postvaccinal tetanus, **xxxv**, 521; relation of the technic of nurses and of hospital apparatus to healing of wounds, **xliv**, 455; sarcoma originating in the ischio-rectal fossa, **xlvi**, 310; scissors for the removal of deep-seated invisible sutures, **xliv**, 461; subluxation and fracture affecting carpometacarpal joint, **xl**, 283; suppurative cholecystitis due to typhoid bacillus, **xxxvi**, 455; treatment of intraperitoneal ruptures of bladder, **xxviii**, 387; of suppurating hæmatocele following extra-uterine pregnancy, **xxxiv**, 159, 442; use of iodoform, **xxvii**, 678; volvulus of the small intestine in typhoid fever simulating perforation, **xliv**, 313.
- Shot** wound of cranium, fatal, **xxv**, 365.
- Shoulder** (see Acromial Scapula, Humerus), amputation of the, **vi**, 361.
- Dislocation, arthrotomy for irreducible, **xxxix**, 591; extension method of reducing, **xxxvi**, 313; fracture, with, through the anatomical neck of the humerus, **xxxi**, 291, 614; reduced by hooks, **xxi**, 299; habitual, **xlvi**, 811; ir-



- reducible, operation for, **xxxviii**, 449; operative treatment of, **xxxiv**, 450; old, **xxxvi**, 147; reduced by open section, **xxi**, 300; rupture, with, of axillary vein in reducing, **xxxv**, 604; unreduced posterior, **xlvi**, 623; recurrent, of, **xxvii**, 364; reduction of long-standing, **xxvi**, 402; subacromial, from muscular spasm, **xxxvi**, 117.
- Enchondroma of, **ix**, 149.
- Epiphyseal separation at, **ix**, 153.
- Exostosis of, simulating dislocations, **xxxiii**, 53.
- Extirpation of the, for sarcoma of humerus, **xix**, 709.
- Girdle amputation, **xl**, 1023.
- Injuries of blood-vessels in dislocations of, **ii**, 369; obscure, **xxvii**, 665.
- Joint, amputations at, control of hemorrhage in, **xviii**, 321; amputation, interscapulothoracic, at, **v**, 346; amputation for traumatic emphysematous gangrene, **xlxi**, 286; ankylosis at the, **xlvi**, 117; ankylosis, operative treatment of, **xxiv**, 401; chronic disease of, **iv**, 270, 271; deformity of, **xlvi**, 454, 455; dislocations of both, treatment of long-standing, **xi**, 298; dislocations, complicated by fracture of the upper extremity of the humerus, **xlvi**, 672; excision of, **xlxi**, 696; irreducible, **v**, 397; irreducible, traumatic, treatment of, **xii**, 303; irreducible, old, treatment of, **xxxvii**, 756; by Kocher's treatment, **xiii**, 123; by Macleod's method, **xii**, 302; luxations of, incomplete, **xvi**, 181; method of excision of, **xxxii**, 283; resection of, cases of, **xxviii**, 255.
- Luxatio erecta at, **xli**, 475.
- Luxations in childhood, congenital and acquired, the treatment of, **xlii**, 110, 123.
- Melanotic sarcoma of, **xlvi**, 464.
- Neuropathic affections of, **vi**, 89.
- Resection of, **vi**, 45; and of elbow on same extremity, **xxx**, 92.
- Sarcoma of, **xxxi**, 373.
- Supracoracoid dislocation of, **viii**, 175.
- Tumor of, **xxx**, 650.
- Wyeth's method of hæmostasis in amputation at, **xliv**, 98.
- Sialolithiasis, **xxxix**, 669.
- Sigmoid, angulation at, **xlii**, 678, **xliv**, 678; large sliding hernias of the, **i**, 470.
- Diverticulitis of, acute, with intra-abdominal abscesses, **xlvi**, 148; in a child, **xlvi**, 300.
- Flexure, colotomy for malignant stenosis of, **xix**, 672; excision of lower, **xvi**, 575; resection of, for obstruction, **xxix**, 114; volvulus of, recurrent, **xliii**, 444.
- Perforation, diverticulitis, acute, of descending colon and, **xlvi**, 132.
- Silk sutures, absorption of, observations on, **xxxiii**, 13.
- SILVER, DAVID: Modification of the Bradford frame for treatment by suspension of fractures of the femur in young children, **xlxi**, 105.
- Silver filigree, lumbar hernia treated by **xlvi**, 304.
- Surgery and bacteriology, uses of, in, **xxv**, 513.
- Wire, for the cure of large hernia, **xliii**, 547; used as percutaneous deep suture, **xliv**, 737.
- Silverized catgut, **xlvi**, 110, **xlvi**, 769.
- SIMES, J. H. C.: Removal of an eight ounce vesical calculus by the suprapubic route, **xii**, 125.
- SIMMONS, CHANNING C.: Osteogenesis imperfecta and idiopathic fragilitas ossium, **xlvi**, 179; papillary cystadenoma of breast, **xlvi**, 118; results of operations for carcinoma of the breast, at the Massachusetts General Hospital, **xlvi**, 20; undescended testicle, **xl**, 962.

- SIMPSON, FRANK F.:** A surgical washstand, **xxvii**, 759.
- SINGLEY, JOHN D.:** Postoperative value of gastric lavage, **xi**, 612.
- SINGLEY, JOHN DEVINE:** Phagedenic ulceration of both breasts during the puerperium, **xlvi**, 672.
- SINKLER, WHARTON:** Hemiplegia following operation for appendicitis, **xliv**, 129.
- Sinus** (see Antrum), alveolar abscess with thrombosis of cavernous, **iv**, 170.
- Blood tumors of cranium communicating with the superior longitudinal, **vi**, 355.
- Fracture of skull with wound of longitudinal, **ii**, 65.
- Frontal, anatomy and surgery of the, **xxviii**, 611, 747; supuration of the, **vii**, 451.
- Frontalis, teratoma, **iv**, 68.
- Maxillary, empyema of, **iv**, 335.
- Trephining, in, mastoid perforation of the transverse, **vii**, 288.
- Sinuses**, dead osteoma of the nasal and frontal, **iii**, 164.
- Siphonage**, cavities, of, apparatus for, **xxiii**, 174.
- SIPPY, BERTRAM W.:** Diagnosis of cesophageal lesions, **xlili**, 858; splenic enlargement and splenectomy, **xxxiv**, 194, 201.
- SITER, E. HOLLINGSWORTH:** Acute cholecystitis with gall-stones in a girl of seventeen, **xl**, 430; chewing gum removed from the bladder, **xlili**, 317; treatment of fractures of condyles of humerus, **xxxix**, 1033.
- Sitting posture** after operations, apparatus to facilitate, **xliv**, 410.
- Skeleton** (see Bones), cyst of, **vii**, 68.
- SKELLY, J. L.:** Laparotomy for perforating pistolshot wound of abdomen, **vi**, 49.
- SKENE, ALEX. J. C.:** Successful case of laparo-elytrotomy, **i**, 25.
- Skiagraphical** diagnosis, mistakes in, **xxviii**, 509.
- Skiagraphs**, of bullets in brain, **xxv**, 478.
- Fractures of, **xxxi**, 263; of the lower extremity of the radius, **xxv**, 470.
- Misleading, **xxix**, 363.
- Skiagraphy** diagnosis of tumor of jaw, **xxiv**, 490.
- Examples of, **xxiv**, 217, 238.
- Nephrolithiasis, and, **xlili**, 864.
- Surgical use of, **xxiv**, 384.
- Value of, to detect foreign bodies in the œsophagus, **xxv**, 650.
- Skin** (see also Cutaneous, Cutis, Lichen, Lupus), arsenic in carcinoma of, **xvii**, 612.
- Discoloration of after extravasation of blood, **iii**, 408.
- Disinfection of, **xli**, 773.
- Eruptions, iodoform and, **vii**, 204; flaps, transplantation of fresh pedunculated, **vii**, 57; genitals, of the, due to diabetes, **vii**, 61.
- Extensive loss of, **iii**, 247, 246.
- Fibroid of the, **iv**, 358.
- Flaps, containing subcutaneous fat, **xviii**, 458; double, method of obtaining for plastic operations, **xviii**, 574; transplantation of, **x**, 260; transplantation of, by Krause's method, **xxxviii**, 766; of large, to fresh wounds, **ii**, 426; of large, without a pedicle, **xviii**, 450; transportation of, **i**, 324.
- Gangrene, pustules, and, peculiar form of, **xx**, 481.
- Grafting, according to Thiersch, **ix**, 179, 290, 357; electricity in, use of, **xl**, 404; heel, of the, with flap from opposite thigh, **xlvi**, 909; Johns Hopkins Hospital, at the, **i**, 542; infected areas, **xxxix**, 776; transplanted patches, after course of, **xix**, 705; transplantation, **iii**, 247; of frog's skin, **ix**, 179; in the treatment of complete stenosis of larynx, **xxxiv**, 649.
- Grafts, from dead bodies, **xii**, 354; method of splinting, **xliv**, 416; from puppies, **xii**, 136.
- Lost, replaced by fresh pedunculated flaps from distant parts of the body, **vi**, 172.
- Lupus, of, treatment of, **xvii**, 87.

- Powder, smokeless, effects on the skin by the discharge of small arms loaded with, **xxxix**, 798, 1006.
- Sutures, stitch-hole infection in, **xxix**, 650.
- Transplantation of, **iv**, 78; for cure of ulcers, **x**, 144.
- Reviews of Books: Atlas of Skin Diseases and Syphilitic Affections, by Pringle, **xxiii**, 366; Diseases of the Skin, by Grindon, **xxvii**, 478; by Hyde and Montgomery, **xliii**, 643; by Schalek, **xxvii**, 635; Handbook of Skin Diseases, by Jackson, **xvi**, 593, **xliii**, 479.
- Skull** (see also Brain, Cranium, Head, Meningeal, Trephining), **xxxiii**, 339.
- Axe-wound of, **viii**, 303.
- Birth-fractures of, **xl**, 865.
- Bone, calcined, use of, to fill defects in, **xxix**, 352.
- Bony defects of, congenital, filled by bone chips, **xlii**, 296; treatment of, **xxiv**, 88; methods of supplying, **xvi**, 564; osteoplastic closure of, **xlvi**, 122; osteoplastic covering of, **xliv**, 752.
- Brain tumors, in, **iv**, 510.
- Cerebral injury due to depressed fracture of, **xlvi**, 125.
- Endocranial myelogenous tumor of, **xviii**, 572.
- Epilepsy, from old fracture of, **iv**, 71.
- Fractures of, **ii**, 65, 259, **iii**, 340, **iv**, 430, **v**, 76, 143, 350, **vi**, 69, **xiii**, 199, **xxxiv**, 401, 534, **xliii**, 153, **xliv**, 449, 593; absence of pulsation in, **xv**, 79; base of, **xi**, 654; analysis of 530 cases, **xliv**, 823; cases of compound, **xliv**, 543; compound, **xxxv**, 126; compound, treatment of, **iv**, 318; compound depressed, **xxxiii**, 491; by contrecoup, **vi**, 151; depressed, **xiii**, 194; early operation in, question of, **xliv**, 801; etiology of, **viii**, 303; extensive compound, **xxiii**, 488; extradural hemorrhage, **xlvi**, 125; observed in Hamburg Gen-  
eral Hospital during the past ten years, **xvi**, 388; indirect, mechanism of, **iii**, 521; operation for epilepsy following, **xiii**, 201; operation for hemiplegia, **xiii**, 205; punctured, of, **xlvi**, 144; result after compound depressed, **xxx**, 342, 507; severe, of the, results of operations for, **xxxiii**, 323, 330; trephining, death, **i**, 278.
- Gunshot fracture of, and wound of internal carotid, **v**, 350; wound of, **iii**, 522, **xxvii**, 607; perforating, of, **xl**, 143, 148.
- Hæmatoma, extradural, **xxxiii**, 330; subdural, after injury of, **xxxiii**, 325; fracture of, with, relieved by trephining, **xxii**, 798.
- Heteroplastic operations for defects, **xxiv**, 90.
- Hypertrophy of, **viii**, 302.
- Instruments for opening the, **i**, 653.
- Neuralgia, facial, removal of the semilunar ganglion through the floor of the, for, **xvi**, 166.
- Opening in, closed by silver plate to repress hernia cerebri, **iii**, 520.
- Osteoplastic resection of, **xlvi**, 645, 830; for intracranial hemorrhage, **xlvi**, 621; technic of, **xxxi**, 364; peculiarities of Japanese, as affecting surgical operations, **iii**, 338.
- Perforation of, by iron rod, **xliv**, 460.
- Plate, for defects of, **xlvi**, 705.
- Punctured fracture of, **xlvi**, 108.
- Removal of malignant polyp from base of, **xviii**, 443; of tumor of dura mater through, **iii**, 416.
- Resection of the, temporary, technic of, **xxiv**, 465, 495.
- Sabre wounds of, **xii**, 220.
- Spinal column, and, localization of foreign bodies in, **xlvi**, 467.
- Study of burns involving the periosteum of the vault of the, **i**, 815.

- Subtemporal decompressive operations for the intracranial complications associated with bursting fractures of, **xlvi**, 641.
- Surgery, sequestration anæmia in, **xlvi**, 161.
- Traumatic defects in, closure of, **xlvi**, 936; their closure, **xxxviii**, 893.
- Trephine, new, osteoplastic resection of, by a, **xxxvi**, 76, 152.
- Trephining for hemorrhage after fracture of, **xviii**, 465; for traumatic lesions of, **ix**, 370.
- Vault of, operating upon, **xlix**, 371.
- Vertex, fracture of, and base of, **xxix**, 351.
- Sleep**, lasting state of, after fall upon occiput, **xliv**, 752.
- Sling**, trough-suspender-forearm, **xlvi**, 274.
- Smell**, loss of sense of, as a means of diagnosis, **xiv**, 46.
- SMITH, CHARLES N.**: The surgical conception of pancreatitis, **i**, 736.
- SMITH, EUGENE A.**: Diagnosis and treatment of carcinoma of the cæcum, **i**, 562.
- SMITH, J. GREIG**: Method for radical cure of hernia, **xii**, 54; papillomatous cystic disease of broad ligaments, **ii**, 439; parietal incision in abdominal surgery, **xxi**, 365.
- SMITH, JOSEPH F.**: Hodgkin's disease, **xlii**, 786; the Röntgen-ray diagnosis of renal calculus, **xxxix**, 748.
- SMITH, MARY ALMIRA**: Splenectomy for carcinoma, **xlvi**, 53.
- SMITH, OLIVER C.**: Abdominal crises caused by Meckel's diverticulum, **xl**, 742; intestinal intussusception complicating typhoid fever, **xlix**, 111.
- SMITH, RICHARD R.**: Injuries to the axillary vessels occurring during operations for carcinoma of breast, **xxxix**, 757.
- Smokeless powder**, effects of, on the skin, by the discharge of small-arms loaded with, **xxxix**, 798, 1006.
- Soap**, germs contained in, **vi**, 446.
- Paste, antiseptic, **xxi**, 295.
- Social diseases, and marriages**, by Morrow (review of), **xxxix**, 639.
- Socin's operations for radical cure of hernia, **v**, 241.
- SODERBAUM**: Operation for epileptoid attacks, **xv**, 468; trepanation for cerebral disease, **xv**, 467.
- Sodium** chloride and carbonate solutions, use of, in surgery, **xxxvi**, 791.
- SOMMER, GEORGE N. J.**: Transperitoneal ureterolithotomy, **xxxii**, 843.
- SOUCHON, EDMOND**: Additional cases of aneurism of subclavian artery, right, **xxiii**, 255; operative treatment of aneurisms of the third portion of the subclavian artery, **xxii**, 545, 743; of ankylosis of shoulder-joint, **xxiv**, 401.
- Sound**, an irrigating, of the standard and Beniqué types, **i**, 770.
- Speech-training**, after closure of palatal clefts, **xxv**, 185.
- SPEESE, JOHN**: Sarcoma of breast, **xlix**, 428; tumors of the breast in childhood, **xlvi**, 662.
- SPELLISSY, JOSEPH M.**: Abscess of the abdominal wall communicating with bladder which contained a calculus, **xliii**, 766; abscess in right iliac region not of gynecologic or appendiceal origin, mistaken for appendicitis, **xxxv**, 758; an inguinal abscess simulating hernia, **xliii**, 768; braces for head extension and for lateral curvature of the spine, **xxxiii**, 185; case of death from ether, **xxv**, 183; cervical rib, **xlvi**, 638; congenital misplacement of scapula, **xxxv**, 651; dislocations of the semilunar cartilages of knee-joint, **xxviii**, 537; enterolith, **xxxix**, 449; excision of Gasserian ganglion after ligation of the external carotid artery, **xxxi**, 463, 505; gunshot wound of brain, **xlvi**, 140; inflammatory

- mass in the right iliac fossa containing an enterolith the nucleus of which was a pin, and later discovered to communicate with the appendix, **xliii**, 767; intestinal perforation in typhoid fever, **xxxviii**, 131; luxation of spinal vertebrae, **xlvi**, 137; pyralin as a covering for metal braces, **xl**, 638; removal of the lingual and mandibular nerves by the twisting method of Thiersch, **xlvi**, 639; use of electric heating-pads during operations, **xl**, 152.
- SPENCER, W.: Thyroidectomy for fibrosis of thyroid, **xxi**, 565.
- Spermatic cord**, encysted hydrocele of, **xlvi**, 448.
- Ligation of, for other conditions than hypertrophy of the prostate gland, **xxiii**, 482.
- Ligature of, for prostatic hypertrophy, **xxi**, 181.
- Testis, gangrene of, with, chronic inflammation of, **xxvi**, 666.
- Torsion of, **l**, 957; complicating cryptorchism, **l**, 74; producing strangulation of the testis, **xxxiv**, 234, **xix**, 53.
- Tumor of, **iii**, 426.
- Sphenoid bone**, fibrochondroma of, **xxx**, 97; empyema of, and intracranial complications **xxxviii**, 137.
- Sphincter ani**, treatment of spasm of, **iii**, 352.
- Sphincterplasty**, after amputation of rectum, **xviii**, 344.
- Sphincters**, pathology of, the, **xxxiv**, 457.
- Spigot** attachment to facilitate asepsis, **xix**, 233.
- SPILLER, W. G.: Anastomosis of the external and internal popliteal nerves for infantile paralysis, **xliv**, 455; character of nerve complication in cases of myositis ossificans, **xxxvii**, 960; dislocation of a vertebra, **xliv**, 457, 458.
- Spina bifida**, **xviii**, 593, **xxxiii**, 50.
- Anterior opening, with, **xxxix**, 612.
- Cure of, **iv**, 66.
- Excision in the treatment of, **xix**, 253.
- Operation in, cases of, **v**, 517, **xii**, 296, 447, **xvi**, 121; **xxxvi**, 451; osteoplastic, **v**, 168, **x**, 223; successful, **xiii**, 143.
- Osteoplastic procedure in, new, **xvi**, 270.
- Plastic operation, treatment of, by, **xxii**, 81.
- Sacral, successful excision of, **xxvii**, 398.
- Surgical treatment of, **xxi**, 237.
- Surgery of, contribution to the, **xxxv**, 624.
- Ulcer, perforating, and, **viii**, 56.
- Spinal abscess**, treatment of, **xvii**, 502.
- Accessory nerve in its relations to torticollis, **xxi**, 493; paralysis, operative, **xxxiii**, 558; torticollis, for, resection of, **xlvi**, 152.
- Anæsthesia, bowel, for operation for strangulation of, **xxxiii**, 203; during laparotomy, **xliv**, 736; status of, present, **xlii**, 941; tumor of bladder removed under, **xxxiv**, 575.
- Canal, an exostosis within, **xlvi**, 608; neurectomy within, **x**, 264; paraplegia, trephining, report of results from, **xii**, 37; puncture of, diagnostic and therapeutic value of, **xviii**, 235.
- Caries, forcible correction of the angular deformity resulting from, **xxx**, 537; rectification of deformity in, effects of forcible, **xxix**, 390.
- Cocainization, nephrectomy during, **xxxiv**, 434; surgical analgesia by, **xxxii**, 847.
- Column, foreign bodies in skull and, localization of, **xlvi**, 467; operations on, **xlvi**, 694.
- Cord and its appendages, surgery of, **xx**, 454; compression of, **x**, 183; compression of, by dislocated vertebra, operations for, **xviii**, 69; cross lesion of, complete, **xxviii**, 639; gunshot injury for, suture of, **xlii**, 507; gunshot wound of, **xliv**, 757, **xlvi**, 467; perforating of the cer-



- vical portion of, recovery after, **xxxviii**, 812; hemorrhage, **xlvi**, 678; hernia of, operative treatment of, **ix**, 223; injuries, operation in, **xxxix**, 495; simulated by injury to cauda equina, **xxx**, 511; treatment of, **xxx**, 171, 222, 332, **xxi**, 268, 482; ultimate result after laminectomy, **xlvi**, 968; operation upon, two cases of, **ix**, 424; osteoplastic resection, technic of exposure of, by, **xli**, 372; paraplegia, operations on, for the relief of, **xx**, 153; stab wound of, **xlvi**, 639; surgery of, **viii**, 279, **xvi**, 550, **xviii**, 49, 69; traumatic fistula of, **xi**, 372; traumatism of, **viii**, 124; traumatism, operations for, **xxiv**, 85.
- Curvatures of children while sitting, **xvi**, 95.
- Distortion in the early stage of spondylitis, **x**, 48.
- Hyperextension, apparatus to facilitate application of plaster jackets during, **xxxvii**, 92.
- Injuries, **xi**, 186; operations upon, **xviii**, 546.
- Other tubercular abscesses and treatment of, **xvi**, 90.
- Surgery, Schede's cases, **xvi**, 222.
- Tumor, intradural, removal of, **xviii**, 69; intradural, removal of, **xxxix**, 934; operation for, result of, **xxxiii**, 45; surgical treatment of, **xlii**, 524.
- Vertebrae, fracture of, **iii**, 98.
- luxation of, **xlvi**, 137.
- Reviews of Books: Pwogenic Infective Diseases of the Spinal Cord, by Macewen, **xx**, 489; Spinal Caries, by Smith, **xxvii**, 368; Surgery of the Spinal Cord, by Thorburn, **xiii**, 315.
- Spine** (see Scoliosis), blastomycosis of, **xlvi**, 151, **xlvi**, 889.
- Cervical fascia, rôle of the, in producing antero-posterior curvatures of, **xxvi**, 676.
- Curvature of, lateral, therapy, **xi**, 364.
- Fracture of, **vii**, 467, **xxxii**, 833, **xl**, 258, 265, **xlii**, 481; cases treated by laminectomy, **xxi**, 46, 519; and followed by formation of enormous prostatic calculus, **xl**, 143; dislocation, reduction of, after laminectomy, **xlvi**, 140; subjected to laminectomy, **xxvi**, 207, **xxv**, 28, 103; surgical treatment of, **xxxviii**, 310.
- Forcible straightening of, in Pott's disease, **xxvii**, 463.
- Gunshot injuries of, **xxviii**, 187.
- Healed gunshot wound of, **iv**, 447.
- Laminectomy for, depressed fracture, **xvii**, 439.
- Lateral curvature of, in a case of cured Pott's disease, **xxvii**, 209; hard rubber spring brace for, **xxxiii**, 185; by massage, treatment of, **iv**, 225.
- Paraplegia, tuberculous disease of, resulting in, laminectomy, **xliii**, 309.
- Pott's curvature of the, rapid reduction of, **xxvi**, 739; Pott's disease, **xvi**, 469.
- Sarcoma, round-celled, of the dorsal, **xlvi**, 819.
- Surgery of, **x**, 1.
- Surgical intervention, question of, in cases of injuries to, **xxxvii**, 238.
- Torsion of, in growth of animals, **iv**, 81.
- Tubercular conditions of the, requiring surgical and mechanical relief, **xlii**, 514.
- Reviews of Books: Early Scoliosis, by Lewis, **xxii**, 416; Lateral Curvature of the Spine, by Lorenz, **v**, 94.
- Spiral fractures**, **ix**, 300.
- SPIZARNYI**: Primary chondroma of hyoid bone, **xv**, 477.
- Splanchnoptosis**, surgical treatment, and its, **xxxv**, 319, **xl**, 733.
- Spleen**, abscess of, evacuation and drainage of, **viii**, 216.
- Cavernous angioma of, **xxv**, 732.
- Colon, and, penetrated by pseudomyxoma peritonei, **xl**, 838.
- Congenital protrusion of, **xliv**, 290.
- Cysts of, non-parasitic, **xliii**, 48.

- Ecchinococcus of, **x**, 132, **xii**, 68.  
 Enlarged, **xxxiv**, 196.  
 Extirpation of, **ii**, 76, 419, **vi**, 162, **x**, 135, 299; floating, **vii**, 394.  
 Fixation of wandering, **xxxvii**, 481.  
 Gunshot wound of the abdomen involving, **xlvi**, 773; laparotomy, and suture, **xxi**, 115.  
 Hemorrhage from, in typhoid fever, **xxxvii**, 108, 288.  
 Injuries of the, **xxxviii**, 147.  
 Laparotomy, transpleural for stab wound of, **xxxviii**, 148.  
 Leukæmic enlargement, for, extirpation of, **viii**, 380.  
 Pedicle, with twisted, floating, **xxx**, 321.  
 Removal of ruptured, **xii**, 954.  
 Rupture of, **xxxiii**, 713, **xxxvi**, 44, 278, 280, 464, 467, 921, **xxxviii**, 123; subcutaneous, of, **xlvi**, 66, 152.  
 Ruptured, cases of, **xxxi**, 734.  
 Sarcoma of, primary, splenectomy, **xl**, 80.  
 Surgery of, **xxxiii**, 513; physiology of, and, **xx**, 205.  
 Suture of, for traumatic hemorrhage, **xli**, 939.  
 Thyroid tissue into, transplantation of, **xliv**, 768.  
 Traumatic injuries of, **vi**, 437.  
 Traumatic rupture of, **xl**, 114.  
 Wounds of, **xlii**, 464, 466, 468.  
**Splenectomy**, **xvi**, 572, **xvii**, 582, **xix**, 688, **xxi**, 116, **xx**, 483, 737, 80, 114, **xlii**, 464, 466, **xlvi**, 50.  
 Banti's disease, for, **xxxviii**, 671, **xlvi**, 41.  
 Gunshot wound of spleen, for, **xlvi**, 38.  
 Jonnesco's cases of, **xxvi**, 723.  
 Lacerated spleen after blood transfusion for, **xlvi**, 37.  
 Leukæmia, for myelogenous, **xlii**, 656.  
 Leukæmic enlargement, for, **xxxvi**, 252.  
 Mesenteric veins, death from thrombosis of case of, with, **xxi**, 24.  
 Rupture, for, **xxxi**, 734, **xlvi**, 440, **xlix**, 711; with subsequent cholecystectomy, **xlvi**, 436.  
 Sarcoma, for, **xxi**, 213, **xliii**, 759.  
 Splenic anæmia, for, **xlix**, 258.  
 Splenic flexure, carcinoma of the, end-to-end anastomosis for, **xliii**, 145; of the colon, carcinoma of, **xlvi**, 150.  
 Surgery, contribution to, **xxxviii**, 916.  
 Infection, splenectomy for, **xxxvii**, 866.  
 Review of Book: Splenic Fever and Glanders, by Koch, **iv**, 283, 288.  
**Splénomegaly**, primary, splenectomy in splenic anæmia or, **xxxiv**, 111, 193, 202.  
**Spondylitic paralysis**, operative relief in, **xii**, 355.  
**Spondylitis paralysis**, resection of vertebræ for, **xxvi**, 405.  
 Spinal distortion in the early stage of, **x**, 48.  
**Sponge-grafting**, **i**, 550.  
**Sponges**, sterilization of, **xxi**, 293; use of, in wounds, with abundant secretions, **xiii**, 130.  
 Their use in surgery, and, **xiii**, 321.  
**Spontaneous fracture of the fibula**, **xliv**, 636.  
**Spoon**, gastrostomy for removal of, **x**, 297.  
 Removal of a, from the intestine, **vii**, 22.  
**Sprains of elbow in young children**, certain obscure, **ii**, 91.  
**Spray**, cure of large ulcers of leg by carbolic, **v**, 283.  
**SPRENGEL**: Cholecystectomy with formation of choledoduodenal fistula, **xv**, 481.  
**Stab wounds of abdomen**, **iii**, 88, 243, 242, **vi**, 324; laparotomy for, **v**, 547.  
 Colon, diaphragm and lung, of, case of, **xxviii**, 499.  
 Heart, of, **xlvi**, 138.  
 Intestine, of, **vii**, 397, 398.  
 Kidney, of, **vi**, 187.  
**STABANEJEFF, ABRASHANOW**: Osteoplastic intercondylar amputation of thigh, **xxxi**, 131.  
**STAEHLIN, EDWARD**: Resection of ten feet two inches of the small intestine, **xlvi**, 49.

- Staphylococcus** bone infection, **xliv**, **111**.  
 Infection, immunization and serum-therapy in, **xxvii**, 242.
- Staphylorrhaphy**, **iii**, 419, **iv**, 70, **xx**, 228.  
 Review of Book: Staphylorrhaphy, by Brandt, **viii**, 479.
- STARR, F. N. G.**: Operation for undescended testicle, **xlviii**, 351.
- STARRS, HENRY R.**: Lingual goitre, **xl**, 323.
- Starvation** treatment of malignant growths, **xl**, 269.
- Status lymphaticus**, surgical aspect of, **xxxv**, 641, 745.
- STAVELY, ALBERT L.**: Splenic infections, **xxxvii**, 866.
- Steam**, as an hæmostatic, **xxiii**, 106, 107.
- Steel comb**, the use of, for dissection in the axilla, **xliv**, 104.
- STEELE, D. A. K.**: Brain tumor, **xli**, 795; friable intestinal wall, **xli**, 308; ileus due to mechanical obstruction of the fecal current, **xxxiii**, 449, 500; McGraw elastic ligature, **xxxix**, 144; metatarsophalangeal joint, **xliv**, 631; sarcoma and myoma of the stomach, **xliv**, 638; Schede's operation for empyema, **xlii**, 782; single kidney in median line with two ureters, **xliii**, 955; splenomegaly, **xxxiv**, 199; surgery of gall-bladder and biliary-duct, **xli**, 201, 315, 319; telangiectatic lipoma, **xliii**, 789; treatment of fractures of patella, **xxxix**, 139; tubercular peritonitis, **xliii**, 798.
- STEINBACH, L. W.**: Case of abdominal section for gunshot wound, **xxi**, 80; cases of cholecystotomy, **xxxix**, 600; fracture of the femur in infants, **xxxiii**, 784; use of fixation plates in the treatment of fractures of leg, **xxxi**, 436, 508.
- STELLWAGEN, THOMAS C.**: Description of modification of Stellwagen's instrument in performing osteoplastic resection of skull, **xlvii**, 645, 830; ether inhaler for use in operations requiring the prone position, as, **xliii**, 780; osteoplastic resection of skull, **xlvii**, 830; the use of the Masland saw for opening the cranial vault, **xliv**, 317.
- STELWAGON, H. W.**: The marriage of syphilitics, **xx**, 96.
- STENGEL, ALFRED**: Disappearing tumors of abdomen, **xxv**, 755; intestinal diverticula, **xxiii**, 612.
- Stenosis**, larynx and trachea, of, after tracheotomy, **xiv**, 413.  
 Malignant, entero-anastomosis for, final results of, **xviii**, 669.  
 Pyloric, congenital, **xliii**, 141.
- Stenson's duct**, abscess of, plastic for, **xxxvii**, 971.
- Sterile** dressing materials, **vi**, 447.
- Sterilization**, hands, of the, experiments relating to, **xxx**, 496.
- Instruments**, of, by steam without rusting, apparatus for, **xii**, 625.
- Water**, operating rooms, for, **xxx**, 501.
- Sterilizer**, surgical purposes, for, **xii**, 149.
- Sternal end of clavicle**, fracture of, **iii**, 100.
- Sternocleidomastoid** muscles, incision of middle third of both, result of, **xl**, 1018.
- Sternum**, coincident fracture and dislocation of, by indirect force, **iii**, 173.
- Dislocated bones** of, reduced by a cough, **viii**, 156.
- Excision** of, partial, for sarcoma, **xiii**, 96; for retrosternal abscess, **vii**, 455.
- Fracture** of, contrecoup, **xli**, 252.
- Sarcoma**, spindle-celled of the, successfully treated with mixed toxins of erysipelas and *Bacillus prodigiosus*, **xlvii**, 805.
- Scaphoid**, operation for the relief of, **xxvii**, 219.
- STERRILL, J. GARLAND**: Carcinoma of gall-bladder and ducts, **xliv**, 866.
- STETTEN, DE WITT**: Musculospiral (radial) paralysis due to dislocations of the radius, **xlviii**, 275.

STEWART, D. D.: Treatment of aneurism of thoracic aorta, **xxxiv**, 311; tumors of stomach, **xxv**, 753.

STEWART, FRANCIS: Acute hemorrhagic pancreatitis, **xliv**, 723; advanced carcinoma of breast, **xxxvi**, 454; arterial angioma of ear and neck, **xxxvi**, 453; arteriotomy for thrombosis and embolism, **xlvi**, 339; cæcal hernia with volvulus of ileum, **xxxiv**, 316; cases of intestinal resection, **xxxviii**, 135; congenital dislocation of patellæ brachydactylia, **xxxix**, 452; congenital umbilical hernia, **xlix**, 565; effect of X-ray on carcinoma, **xxxvi**, 294; end-to-end anastomosis of the brachial artery, **xlvi**, 152; eight cases of operation for perforated typhoid ulcer, **xxxix**, 126; excision of condyle of jaw for temporomaxillary ankylosis, **xxxix**, 450; excision of tibia, **xl**, 298; fracture of the lower extremity of radius, with anterior displacement of lower fragment, **xl**, 423; of upper cervical vertebræ, **xli**, 474; gall-stones with acute suppurative pancreatitis, **xliv**, 304; gastro-enterostomy, **xli**, 291; gastro-enterostomy for gastric ulcer, **xl**, 151; general purulent peritonitis, **xliv**, 715; left-sided appendiceal abscess, **xxxiii**, 772, 773; lymphangioma of the cheek, **xliv**, 945; multiple neuromata of arm, **xl**, 422; new method of enterostomy, **xl**, 623; perforating gastric ulcer, **xxxix**, 117, **xliv**, 955; perforating gunshot wound of stomach, **xxxix**, 117; phantom ureteral calculi, **xl**, 315, 319; peritoneal hernia, **xlix**, 569; pyopneumothorax with greenstick fracture of the ribs, **xxxiii**, 62; reconstructive endo-aneurysmorrhaphy, **xlvi**, 472; retrocolic hernia, **xlix**, 572; rupture by contrecoup of branches of meningeal artery, **xxxix**, 451; of kidney, **xl**,

308; sarcoma of the ovary, **xliv**, 306; of pubes, **xliv**, 946; skiagraphs of greenstick fractures, **xxx**, 263; stab wound of diaphragm, **xlvi**, 633; suture of divided quadriceps extensor tendon, **xxxix**, 603; of femoral artery, **xli**, 126, 621; toxæmia following operations for cholecystitis, **xl**, 430; traumatic intussusception, **xliv**, 302; volvulus of omentum, **xli**, 624; of the small intestine in typhoid fever simulating perforation, **xliv**, 313.

STEWART, GEORGE D.: Acute dilatation of stomach, **xlvi**, 532; benign stricture of the œsophagus, gastrostomy, dilatation by the string method, **xlvi**, 146; carcinoma of the cheek, no recurrence after thirteen years, **xlvi**, 814; of rectum, **xlvi**, 610; complete thyroidectomy, **xlvi**, 815; double castration for tubercular testicle, **xli**, 778; excision of the inferior maxilla for carcinoma, **xlvi**, 812; foreign bodies in bronchi, **xlvi**, 449; hydronephrosis, **xlvi**, 625; lead pencil removed from cæcum, **xlvi**, 451; methods of radical cure of hernia, umbilical and ventral, **xlvi**, 760; nephrectomy for tuberculosis of the kidney and ureter, **xlvi**, 144; pathology of tuberculosis of testicle, **xli**, 781; primary sarcoma of the appendix, **xlvi**, 607; remarks on appendicitis, **xl**, 763; strangulated Littre's hernia, **xxxvii**, 937; transverse incision of the knee-joint for drainage in severe infections, **xl**, 464; Volkmann's ischæmic paralysis, **xlvi**, 606; X-ray treatment of malignant tumors, **xxxvii**, 434.

STEWART, J. CLARK: Aneurismal varix, **xliv**, 920; report of a case of pyæmic glanders in the human subject of laboratory origin, **xl**, 109.

Sticky gauze dressing, **iii**, 523.

STIMSON, LEWIS A.: Artificial bridge of nose, **xxxiii**, 44; for saddle-back nose, **xxi**, 707; arteriovenous aneurism of femoral vessels, **xxxi**, 753; carcinoma of vermiform appendix, **xxiii**, 186; case of perforating gunshot wound of abdomen, without wound of intestine, **xxv**, 364; case of sarcoma of suprarenal capsule perforating vena cava, **xxi**, 323; coaptation fork for treating fracture of patella, **i**, 404; the combined transverse and longitudinal incision in laparotomy, **xl**, 178, 259; cubitus varus, **xxxii**, 301; diagnosis of stone in kidney, **xxv**, 369; dislocation of semilunar and fracture of the carpal scaphoid, **xlvi**, 160, 161; of the head of the humerus, with fracture of its neck, **xx**, 70; complicated by fracture at the surgical neck, **xix**, 493; excision of aneurism of femoral artery, **xxix**, 357; experience in operation for appendicitis, without division of muscular fibres, **xxi**, 310; fatal shot wound of cranium, **xxv**, 365; fracture of carpal scaphoid, **xxxv**, 516; fracture and dislocation of astragalus, **vi**, 405; of the head and neck of the radius, **xxvii**, 365; of the head of radius, **xxvii**, 536; of olecranon, **xxxi**, 756; of patella without separation of fragments, **xxi**, 314; of skull, **xxix**, 352; inflammatory tumors of colon, **xxviii**, 127; injuries of main blood-vessels in reducing dislocations of the shoulder, **ii**, 369; inquiry into the use of the ligature in the treatment of aneurism, **i**, 13; intestinal anastomosis with potato-button, **xxvii**, 543; intramuscular entrance in operating for appendicitis, **xxv**, 364; irreducible unilateral dislocation of temporomaxillary joint, **xxvii**, 366; lacerated wound at elbow, **xix**, 91; modified incisions for laparotomy, **xxxiii**, 489; moot

points in the treatment of appendicitis, **xxi**, 597; multiple gunshot injuries, **xxx**, 508; multiple urethral calculi, **xix**, 92; musculospiral paralysis, **xxxi**, 754; old dislocations of the elbow, **vi**, 201; operation for fracture of external condyle of humerus, **xxxi**, 752; operative treatment of fractures of patella, **xxi**, 602; osteochondroma of humerus, **xxxix**, 1005; peculiar forms of appendix, **xxiii**, 186; pistol-shot wound of abdomen—recovery, **xix**, 90; radiographs of fractures, **xxvii**, 653; recurrent dislocation of shoulder, **xxvii**, 364; remarks on the results of Hoffa's operation for congenital dislocation of hip, **xx**, 736; surgical operations at the New York Hospital, results and methods, **xxiii**, 717; **xxiv**, 50; results of operations for carcinoma, **xx**, 75; some practical deductions from personal experience in the treatment of appendicitis, **xlvi**, 122; stab wound of the abdomen, with multiple wounds of intestine—recovery, **xix**, 89; surgical treatment of stone in kidney, **xv**, 173; technic operations for the relief of appendicitis, **xiii**, 264; teratoma of coccygeal region, **xxiii**, 187; traumatic cubitus varus, **xxxiii**, 48; dislocation of semilunar bone, **xxvii**, 365; treatment of dislocation of the humerus, complicated by fracture of the anatomical neck, **xxiii**, 444; of fracture of patella, **xxiv**, 45, **xxviii**, 216; of injuries of spinal cord, **xxx**, 333; upward dislocation of hip, **xvi**, 527; vertical suspension for compound injuries of elbow, **xxxv**, 516.

STINSON, J. COPLIN: Observations on the surgical anatomy and methods of cure of inguinal hernia, **xxx**, 459.

STIRLING, R. A.: Lingual goitre, **xlvi**, 826.

Stitch abscesses, cause and prevention of, **xxxv**, 1.



**Stitch-hole** infection, cutaneous sutures, in, **xxix**, 650.

**STOKES, J. ERNEST**: Cases of ante-operative asphyxia following intestinal obstruction, **xxvi**, 340.

**STOKES, W.**: Astragaloid osteotomy in flat-foot, **ii**, 219; traumatic subdural abscess of brain, **viii**, 241.

**STOKES, W. T.**: Case of subcranial hemorrhage treated by secondary hemorrhage, **vii**, 401.

**Stomach** (see Gastro, Gastrotomy, Pylorus), adenocarcinoma of, **xxxv**, 834.

Adhesions about, **xxxii**, 123.

Benign diseases of, and duodenum, late results after operations for, **xlvi**, 873, 885, 894, 1050.

Brigham's case of recovery after removal of entire, **xxix**, 375.

Bullet wound of, **i**, 364, **xxxviii**, 450.

Cancer of gastric ulcers, how frequently do, develop, **xlvi**, 922, 1052; with hour-glass constriction, **xliv**, 425.

Carcinoma of, **xliii**, 926, **xlix**, 836; anatomical and clinical researches in, **xxxviii**, 911; of cardiac end of, **xl**, 682; diagnosis of, **xxxii**, 96; excision of pylorus, no recurrence after eighteen months, **xxxiv**, 418; foreign bodies in, **xl**, 909; gastro-enterostomy, **xxv**, 746; gastro-enterostomy for, specimen showing result of, **xl**, 285; gastrojejunostomy for, **xxxvi**, 953; improved technic in the operative surgery of, **xxxiii**, 157; liver metastasis, with, **x**, 296; new operation for, **vi**, 450; partial excision, for, **xl**, 950, 971; partial resection of, for, **xxxvii**, 442; 444; pedunculated tumor of, removal of, by gastrotomy, **xxiv**, 310; pylorotomy for, **xxxi**, 758, **xlii**, 116; rupture of the pyloric end of the, radical operation for, **xxxix**, 321; pylorus of, non-operable, isolation of, **xxv**, 215; removal of entire, for,

**xxxi**, 344, 587; removal of greater portion for, **xxxiii**, 197; removed by partial gastrectomy, **xlvi**, 444; resection for, **xxxix**, 997, 999; resection of, for, **xli**, 455, **xlii**, 122; results after excision of pyloric portion of, for, **xxxix**, 106; of operations for, in the Berne clinic, **xxx**, 375; subjected to pylorotomy, **xxxvii**, 270; in a youthful person, **xiv**, 424.

Cardiac orifice, cicatricial stenosis of, plastic operations for, **xxvi**, 391.

Cirrhosis of, **xxxix**, 341.

Congenital protrusion of, **xliv**, 290.

Critical review of recent series of operations upon, **xl**, 687, 761.

Diaphanoscopy of, **xlvi**, 785.

Dilatation of the, acute, **xlvi**, 736, **xlvi**, 532; and arterio-mesenteric ileus, **xlvi**, 390; acute, complicating typhoid fever, **xlvi**, 678; postoperative, **xliii**, 469; gastroplication for, **xxx**, 249, **xl**, 279; gastropptosis, and, **xliii**, 775; hypertrophy of, and, **xliv**, 441; pylorus, from benign stenosis of, **xxxiv**, 834; pylorus, from primary spasm of, **xl**, 201; relieved by digital divulsion of pylorus, **iii**, 372; surgical considerations pertaining to, **xli**, 715; surgical treatment of, **xxxii**, 41; tetany, and, **xxxix**, 527.

Dilated, gastrorrhaphy for diminishing size of, **xvi**, 276.

Diseases of, non-carcinomatous, surgery of, **xxv**, 212.

End results of benign lesions of, surgically treated, **xl**, 818.

Fibrolipoma of, **xlii**, 583.

Fistula, Fontan's method of establishing a, **xxx**, 376.

Foreign bodies removed from, **xl**, 238.

Gastrectomy for, partial, **xliii**, 438, 801.

Gastro-enterostomy, complications following, **xxxvi**, 231; combination of, with entero-anastomosis, **xxv**, 655.

- Gastrotomy for foreign body in, v, 124.
- Gunshot wound of, **xxxix**, 100, 117, 1002, **xlvi**, 857; laparotomy for, **xxv**, 111, 146; suture of, and, vi, 166; with posterior drainage, **xlvi**, 632.
- Hemorrhage, gastro-enterotomy for, **xl**, 263.
- Hernia, strangulated, washings after operations for, **xvii**, 754; through diaphragm into thorax, **xl**, 680.
- Hour-glass, **xxxviii**, 593, 598, 1, 552; contraction of, relieved by operation, **xxv**, 652; its surgical treatment, **xxxii**, 56.
- Hypertrophic pyloric stenosis, **xlvi**, 928.
- Inflammation, chronic, of the, resulting from gastric atony and dilatation, surgical treatment of, **xli**, 36.
- Intestinal incarcerations, acute, washing in, **xvii**, 617.
- Intestine, and, bullet wound of, recovery after laparotomy, **xxx**, 637; movements of, **xlvi**, 512.
- Laparotomy for gunshot wound of, **viii**, 81; for perforating ulcer of, **ix**, 59, 95; for perforation of, **iii**, 386; for wound of, **iii**, 422.
- Lesions associated with gunshot wounds of, **xl**, 699, 777; perforative, **xl**, 753.
- Liver, and, adenocarcinoma of, resection, **xxxv**, 832; perforating gunshot wound of, **xxxvi**, 228.
- Lymph-glands, infection of the, in carcinoma of the pyloric portion of, **xxxvi**, 798.
- Malignant diseases of, **xxxii**, 251, **xl**, 749.
- Marwedel's method of opening of, **xxvii**, 650.
- Neurosis of, producing intractable vomiting, **xlvi**, 730, 817.
- Obliteration of, result of gastric ulcer, **xl**, 30.
- Oesophagus, impacted peach stone in, removal through wound in, **xvii**, 228.
- Operations on, report of, 103, **xxiv**, 657; results of, at the Heidelberg Clinic, **xxix**, 767.
- Operative measures, results obtainable by, in affections of, **xxxviii**, 789.
- Peptic ulcer of, after gastro-enterostomy, **xxxviii**, 913.
- Perforation of hydrogen gas, insufflation of, in diagnosing, **viii**, 190; subacute, **xl**, 223.
- Pyloric extremity, carcinomatous stricture of, **xxv**, 369; orifice of, benign obstruction of, **xxxii**, 17; pathology and operative treatment of non-malignant stenosis of, **xxvii**, 792.
- Pylorus and stoma after gastro-enterostomy, studies upon the function of, **xlvi**, 549.
- Reefing, **xx**, 484.
- Resection of, **xi**, 56; in Billroth's clinic, **vii**, 212; of the middle third of the, for carcinoma of greater curvature, **xli**, 712; oesophagus, and, resection of lesser curvature of, and oesophagostomy, **xlvi**, 530; pyloric stricture, **xlix**, 551.
- Sarcoma of, **xxiii**, 609, **xxx**, 596; myoma, and, **xliv**, 599, 637.
- Schlatter's case of complete removal of, **xxix**, 294.
- Stab wound of, **viii**, 137, **xxx**, 235, **xxxvi**, 611; protruding from, **ix**, 91.
- Surgery of, **xxii**, 396, **xxvi**, 117, **xxxix**, 302, **xxxiv**, 300, 302; cases of, **xxi**, 361; Heidelberg clinic, at, **xvii**, 730; and intestines, **xxv**, 640, **xliv**, 666; Krönlein clinic, 1881-1902, **xxxviii**, 920; contribution to, **xiii**, 214, **xxxi**, 572; recent, **xvii**, 452, 475, 588, 592; plastic, **xiv**, 426.
- Tumor of, apparent disappearing, after exploratory section of abdomen, **xxv**, 750.
- Ulcer of, **xlii**, 128, 129; contribution to the surgery of, **xli**, 44; duodenum, and, secondary to wounds of urinary bladder, **xlvi**, 924, 1052; excision of, **xxix**, 629; excision of, from posterior wall, **xxx**, 95; hemorrhage from, surgical treatment of, **xxx**, 393; hour-glass contraction

- with, **xxxvii**, 280, 281; one hundred cases of gastro-enterostomy for, **xxxix**, 690; operative treatment of, **xxi**, 110, 111, 112, 113; perforated, **xxxix**, 109, ix, 59, **xl**, 772, **xxxiii**, 262, **xxxvii**, 617, 928, 929, **xl**, 462, **xl**, 858, 863, **xl**, 116, 266, 686; on posterior wall, **xl**, 419; relieved by gastro-enterostomy, **xl**, 432, **xli**, 290; surgical treatment of, **xliv**, 907, 952, 957, **xl**, 885, 1050; perforating, **xxxii**, 1, **xl**, 772, **xl**, 620, 926; abscess due to, **xli**, 288; perforating, contribution to the surgery of, **xxxix**, 333; followed by peritonitis, treatment of, **xxv**, 213; surgery of, **xxiv**, 640; pyloroplasty for, **xx**, 176; relieved by gastro-intestinal anastomosis, **xxv**, 368; surgical cure of, **xl**, 885, 1050; surgical treatment of, **xxiv**, 220, **xxiv**, 50, 640, **xxxv**, 529; surgery of, **xxx**, 458, **xl**, 810; treatment of, **xliv**, 780.
- Vagina, and, fistula connecting with distended stomach, **iv**, 459.
- Wounds of, **xxx**, 572, **xxxiii**, 651; penetrating of the, the treatment of, with report of sixteen cases, **xxxix**, 356, 469, 473; pistol-shot, recovery from, **xxx**, 217.
- Reviews of Books: Carcinoma and Other Tumors of the Stomach, by Fenwick, **xxxvii**, 794; *Chirurgie de l'estomac*, by Terrier and Hartmann, **xxx**, 781; Diseases of the Stomach, by Hemmeter, **xxxvi**, 982; Diseases of the Stomach, by William W. Van Valsah and J. Douglas Nisbet, **xxix**, 133; Operations upon the Stomach, by Mayo, **xxxviii**, 30.
- Stone (see Calculus, Cystotomy, Litholapaxy Lithotomy), bladder, in the, comparative frequency of, in white and negro races, **xxiii**, 729; hairpin as nucleus, with, **xviii**, 588; large, in the, **xxxii**, 347; leather shoe-string as nucleus, with, **xxxiii**, 648; ligatures due to, and bone spicule, **xxxiv**, 715, 716; ligature knot as nucleus, with, **xviii**, 588; litholapaxy, for, **xix**, 691; operations for, **xii**, 384; pneumaturia, with intermittent, **xl**, 1013, 1057; prostatic hypertrophy with—value of castration to facilitate detection of, **xxvii**, 329, 383; recurring, **xxx**, 743, 760; shot as nucleus, with, **xxxiii**, 647; treatment of, i, 499; twig of tree as nucleus, with, **xxxiii**, 648.
- Common duct, with acute septic cholangitis, **xxxix**, 104; without characteristic symptoms, **xxxix**, 103.
- Cystotomy, intraperitoneal suprapubic, removed by, **xxiii**, 132.
- Kidney, large branched, in each, **xl**, 766.
- Nephrectomy for, **xxiii**, 257.
- Peach, impacted, removed from cesophagus through wound in the stomach, **xvii**, 228.
- Pelvic ureter, in, **xl**, 586, 588.
- Ureter, in the, **xl**, 767.
- STONE, HARVEY B.: Desmoid tumors of the abdominal wall, **xl**, 175.
- STONE, ISAAC SCOTT: Floating spleen with twisted pedicle—splenectomy, **xxx**, 321 perforation of the urinary bladder by an appendiceal abscess, **xxxix**, 265.
- STONE, JAMES S. A.: Male pseudohermaphrodite, **xlvi**, 259; partial loss of the tibia, replaced by transfer of the fibula, with maintenance of both malleoli of the ankle, **xlvi**, 628.
- STOUT, GEORGE C.: Recovery from self-inflicted complete subhyoid laryngopharyngotomy, **xl**, 636.
- STOW, BOND: Fibrolymphosarcomata of both ureters metastatic to a primary lym-

- phosarcoma of the anterior mediastinum of thymus origin, 1, 901; ureteritis cystica chronica, **xlvi**, 233.
- St. Bartholomew's Hospital Report** (review of vol. **xxiii**), **viii**, 77.
- Strangulation**, ileus, **xliv**, 146; internal intestinal, **v**, 88, 157, 544.
- Intestinal, acute, indicated by acute peritoneal effusion, **xxx**, 653.
- Resulting from distension of hollow viscera, **xlvi**, 736.
- STRATTON, ROBERT T.**: Gradual surgical occlusion of large arteries, **xxxviii**, 256; surgical occlusion of cerebral sinuses, **xxviii**, 161, **xxix**, 135.
- Esophagus**, of, **iii**, 237, **v**, 145, **vii**, 223, 224, **xlvi**, 114.
- Pharynx**, of the, cicatricial, plastic operation for, **xxxiii**, 152.
- Rectum**, of, **vii**, 138, 147, **xlvi**, 140; excised by incision in posterior vaginal wall, **xxii**, 287; following prostatic abscess, **viii**, 221; high lying, **v**, 32; treatment of, **v**, 516.
- Urethra**, of, **vii**, 228; dense light, deep-lying, of the, results obtainable in the treatment of, **xxxiii**, 79; electrolysis, treatment of, **iv**, 156, **v**, 85, 165, **ix**, 67; radical cure of, **x**, 309.
- Urethral**, subcutaneous division of, **iv**, 533; treatment, of, **91**, 434; by Wheelhouse's method, **viii**, 167; urinary infiltration and acute sepsis, **xlvi**, 454.
- String**, drain, the, **v**, 415.
- Method, **esophagus**, cicatricial stricture of, for treatment of, **xlvi**, 603; stricture of, divided by, **xvii**, 489.
- String-saw**, **esophageal** stricture, in the treatment of, **xix**, 88; in urethral surgery, of Abbe, **xix**, 744.
- STRONG, A. B.**: The relations of the pelvic peritoneum as shown by frozen sections, with special reference to suprapubic cystotomy, **vii**, 22.
- STROUD, BERT B.**: Anatomy of the anus, **xxiv**, 1.
- Struma**, arterial ligation for, results of, **xii**, 361.
- Retrosternal, calcified, **xx**, 602.
- Tuberculosis**, **xxviii**, 468.
- Strumipriva cachexia**, 1, 72, 276.
- Stumps**, plastic covering of after exarticulation, **xlvi**, 793.
- Stylohyoid ossification**, **xlvi**, 721.
- Styloid processes**, radius and ulna, of, fractured by indirect violence, **xii**, 134.
- Subclavian artery**, aneurism of, **xxxvi**, 462, **xlvi**, 271; additional cases of, **xxiii**, 255; distal ligation of, for, **xxxv**, 280; excision of sac, treated by, **xxviii**, 1; ligature of, **xiv**, 221; of the right, **xlvi**, 920; of third portion of the, operative treatment, **xxii**, 545, 743; traumatic produced by fractured clavicle, **xxxviii**, 638.
- Aneurismal varix** of, ligation of, for, **xxix**, 618; compressing, new method for, **xii**, 33; distal ligation of, simultaneously with right common carotid, **xlvi**, 336; ligature of, **ii**, 344.
- Axillary aneurism**, for, **iii**, 516; of the first part of, **xxvii**, 540; of first portion for aneurism of the third portion, **xxxi**, 371, 591; vein, and, **iv**, 427.
- Subclavian vein**, excision of, **xxvii**, 93; internal jugular veins and axillary artery, for innominate aneurism, ligature of carotid and, **v**, 538; simultaneous ligature of, **v**, 256.
- Subcutaneous fracture**, behavior of bodily temperature in, **iv**, 26.
- Rupture of the gall-bladder, **xxxviii**, 915.
- Subdiaphragmatic abscess**, **xlvi**, 118.
- Subdural blood cyst**, **xi**, 81; hemorrhage, **xlvi**, 447.
- Subgluteal triangle** and its surgical importance, by Ramon Guit  ras (review of), **xxii**, 311.
- Subhepatic tumors**, ballotement in, false, renal, **xvii**, 622.

- Sublimate** collodion, nævi, treatment of, by, xviii, 247.  
**Corrosive** (see also **Mercuric**) intoxication in a case of laparotomy, iv, 551; lymphangitis and, iv, 429; in obstetrical irrigations, use of, iv, 451; poisoning, vi, 46; solution, preparation of an antiseptic, v, 419; vaginal hydrocele, treated by injections of, vii, 62.  
**Subluxation** of head of radius in children, ix, 401; in young children, iii, 530.  
**Submaxillary** gland, cyst of, xxi, 323.  
**Subperitoneal** tissue, xxiii, 394.  
**Subphrenic** abscess, xxxiv, 703, 729, xliii, 637, xlvii, 620; left-sided appendicitis, sequel to, xxxvii, 472; pyæmia, and, xxvii, 647; pyopneumothorax, and, case of, xxvii, 647.  
**Subphrenic**, echinococci, x, 130.  
**Subscapular** artery, traumatic aneurism of, ii, 428.  
**Substernal** goitre, xxvii, 764.  
**Subumbilical** space, inflammation of, suppurative, xx, 108.  
**Sugar**, urine in the (see also **Diabetes**), surgery in the presence of, xxxi, 393, 494, 500.  
 Wound dressing, as a, results of, iii, 93, xi, 278.  
**SUGGS, FRANK**: An interlocking suture, xlix, 590.  
**Sulphurous** waters in syphilis, iii, 364.  
**SULTAN**: Transplantation of dead bone into soft tissues, xxxv, 473.  
**SUMMERS, JOHN E., JR.**: Conservative surgical treatment of hypertrophy of the prostate gland in the very feeble and aged, xlvi, 884; contribution to the surgery of carotid arteries, xxv, 617; double ureters, xxxiii, 39; splenectomy in Banti's disease, xlvii, 1006; surgical treatment of colitis, xlii, 315, 319; trauma as a cause of postoperative gastric hemorrhage, xlvii, 1052; treatment of posterior perforations of the fixed portions of duodenum, xxxix, 727.  
**Superior** maxilla, bone cyst of, xxvii, 939.  
**Suppurating** bubonocoele, ix, 461.  
**Surfaces**, infection through superficial, xiv, 521.  
**Suppuration**, v, 254, xvi, 94.  
 Brisement forcé, after, ii, 345.  
 Dependent upon chemical irritants, ii, 497.  
 Frontal sinus, of, vii, 451.  
 Micro-organisms and, iii, 507.  
 Origin of, ix, 352.  
 Peri-uterine, xvii, 221.  
 Steinhaus on the etiology of acute, xii, 46.  
 Wound infection, and, xiii, 284.  
**Suppurative** diseases, spread of, in closed institutions, xx, 474.  
**Peritonitis**, surgical treatment of, ix, 379.  
 Phlegmons in man, experimental researches on the etiology of, iii, 71.  
**Supraclavicular** glands, affections of, in carcinoma of the abdomen, xvii, 761; removal of, as a part of the operation for breast cancer, xlvii, 70.  
**Supracoracoid**, shoulder, dislocation of, case of, viii, 175.  
**Suprapubic** (see **Cystotomy**, **Lithotomy**), bandage, xxi, 299.  
**Cystotomy**, iv, 49, 535, 543, v, 83, 164, 167, 281, 427, ix, 309, xi, 1, 63, xviii, 106, xix, 461; advantages of, iv, 298; of the bladder with air, after dilatation of, xvii, 667; followed by tamponade of, xviii, 587; for tuberculosis of, xv, 397; in boys, ix, 312, 313; for calculus and prostatic hypertrophy, v, 558; catheterization in the after-treatment of, xi, 64; distention of bladder in, v, 80; drainage in, ix, 312; drainage of bladder after, xi, 145, xvii, 451; hypertrophied prostate, for removal of, xi, 107, xxxix, 1, 436, 808, 928; immediate suture of bladder, after, xxxv, 695; modifications of, xlvii, 949; papilloma, for, xv, 75; perineum, drainage of the



- prevesical space through the, in, **xl**, 101; removal of vesical tumors, for, **v**, 163, 276, 298, 427; retractor to be used in, a new, **xlvi**, 261; tubercular cystitis, for, **ix**, 314; two stages, in, **xviii**, 585; vesical calculus, by large, **xii**, 125.
- Drainage of bladder, followed by mental symptoms, **xvii**, 65, 262.
- Lithotomy, **ii**, 84, 176, **v**, 554, **xv**, 135; cases of, **xii**, 444; stone, for, **xv**, 76.
- Prostatectomy, **xvii**, 64, **xx**, 606, **xli**, 535; ether or chloroform, without, **xli**, 540; hemorrhage after, control of, **xvi**, 454; priority in the adoption of the method, question of, **xli**, 520.
- Puncture of bladder, fistula from, **v**, 167.
- Removal of urinary bladder for carcinoma, **xxxvi**, 509.
- Rupture, rectum of, by colpeurynter during attempt to perform, **xii**, 129.
- Review of Book: Suprapubic Cystotomy, by Thompson, **iv**, 277.
- Suprarenal** bodies, cysts of, **xl**, 301.
- Capsule, primary sarcoma of, **x**, 148; surgery of the, contribution to, **xxvii**, 436.
- Gland, cysts of, **xl**, 878, **xlix**, 125.
- Tumor, kidney, extirpation of, for, **xxxi**, 759.
- Supravaginal** amputation, carcinoma of the cervix uteri, for, **xv**, 501; hysterectomy, and, relative merits of, in the treatment of carcinoma of the uterus, **xvi**, 588.
- Surgeons**, eczema of, **xx**, 592.
- Surgery**, animal cage for laboratory use in experimental, **xxxix**, 991.
- Brain, of the, contribution to, **xi**, 81.
- Contribution to the, of perforating gastric ulcer, **xxxix**, 333.
- Dressing, dry, in antiseptic surgery, **iii**, 122.
- Duodenum, of the, **xxxix**, 302.
- Gall-bladder, of, **xvi**, 138, 356, **xxxv**, 643, 647, 664, **xxxix**, 600; contribution to, **xiii**, 124, 284, 285.
- Gastric and duodenal, **xxxix**, 302.
- German congress of, excerpts from transactions, **xliv**, 727.
- Gloves, use of, in operative, **xxviii**, 108.
- Intrathoracic, positive differential chamber for, **i**, 647.
- Kidney, development of, **xxxi**, 100.
- Leucocyte count in, **xxxi**, 669.
- Note on silver foil in, **i**, 793; old and new in, **i**, 23.
- Philadelphia Academy of, Gross prize of the, **xxix**, 660.
- Renal and ureteral, contribution to, **xlvi**, 703.
- Reviews of Books: Abdominal Surgery, by Greig Smith, **vi**, 518, **xxviii**, 772; Abdominal and Gynecological Surgery, by Kelly and Noble, **xlix**, 585; American Practice of Surgery, by Bryant and Buck, **xlvi**, 957; American Armamentarium Chirurgicum, **xl**, 159; American Text-book of Surgery, by Keen-White, **xvi**, 488; second edition, **xxiii**, 356; third edition, **xxxi**, 388; fourth edition, **xxxviii**, 929; **xxxviii**, 929; American Year-book of Medicine and Surgery, **xxxvi**, 647; Antiseptic Surgery, by Cardenal, **vi**, 304; Association of Military Surgeons of the United States, 1897, **xxvii**, 810; Atlas and Epitome of Operative Surgery, by Zuckerkandl, **xxviii**, 674; Case Teaching in Surgery, by Burrell-Blake, **xl**, 452; Chirurgie de maitre, by Nicaise, **xxi**, 93; Chirurgie Orthopedique, by Berger-Banzet, **xl**, 1037; Chirurgie Oto-Rhino-Laryngologique, by Laurens, **xliii**, 480; Chirurgie des ovaries et des trompes, by Monprofit, **xxxix**, 151; Chirurgie de l'urètre, by Glantenay, **xxii**, 538; Chirurgie de l'urethra, de la vessie de la prostate, by

Rochet, **xxii**, 541; *Chirurgie des voies urinaires*, by E. Loumeau, **xix**, 379, 508, **xxvi**, 412; *Compendium der Operations- und Verbandstechnik*, Mechsam-Sonnenburg, **xxxvii**, 797; *Contributions to Clinical Surgery*, by Brun, **iv**, 283; *Contribution to Traumatic Abdominal Surgery*, **xxv**, 454; *Contributions from the Surgical Clinic at Berlin*, by Bergmann, **viii**, 476; *Diseases and Surgery of the Genito-urinary System*, by Watson, **xlix**, 735; *Electro-hæmostasis in Operative Surgery*, by Skene, **xxx**, 778; *Elements of Surgical Diagnosis*, by Gould, **xl**, 451; *Emergency Surgery*, by John W. Sluss, **xlix**, 302; *Essentials of Surgery*, by Martin, **ix**, 478; *Encyclopædie der Gesamten Chirurgie*, **xxxvi**, 320; *Experimental and Clinical Research into Certain Problems Relating to Surgical Operations*, by George Crile, **xxxv**, 851; *Evolution of the American Surgeon*, **xvii**, 343; *Gall-stones and their Surgical Treatment*, by Moynihan, **xliv**, 473; *General Surgical Symptomatology*, by Witzel, **ix**, 138; *La Grande Chirurgie*, by Guy de Chauliac, **xxi**, 84; *Handbook of Surgery*, by Griffith, **xlii**, 969; *Handbook of General Surgery*, by H. Fischer, **vii**, 475; *Handbook of Kidney Surgery*, by Garre and Ehrhardt, **xlvi**, 944; *Handbook of Surgical Anatomy*, by Wright and Preston, **xli**, 800; *Imperative Surgery*, by Lilienthal, **xxxi**, 771; *Index of Surgery*, by Keetley, **iii**, 457; *International Encyclopædia of Surgery* (vol. v), **i**, 377, 583; *International Text-book of Surgery*, by Warren and Gould, **xxxi**, 513, **xxxiii**, 102, **xxxvi**, 981; *Intestinal Surgery*, by Senn, **xx**, 474; *Lectures on the Diseases of the Kidney Amenable to Surgical*

*Treatment*, by Newman, **xii**, 237; *Lectures on Clinical Surgery*, by Boursier, **vii**, 478; *Lectures on Surgery*, by Cheever, **xx**, 494; *Lectures on the Principles of Surgery*, by Nancrede, **xxxi**, 388; *Lectures on Regional Surgery*, by Leser, **xiv**, 80; *Leitfaden der Kriegs-Chirurgischen Operations und Verbandstechnik*, by Herman Fischer, **xlii**, 963; *Manual and Atlas of Orthopædic Surgery*, by James K. Young, **xlvi**, 965; *Manual of Modern Surgery*, by Da Costa, **xxviii**, 676; *Manual of Operative Surgery*, by Binnie, **xlii**, 149, **xlvi**, 152; *Manual of Modern Surgery*, by Roberts, **xiii**, 74, **xxxi**, 521; *Manual of Operative Surgery*, by Stimson, **xxiii**, 254; *Manual of Operative Surgery*, by Young, **xx**, 648; 674; *Manual of Orthopædic Surgery*, by Thorndike, **xlvi**, 954; *Manual of Surgery*, by Gallaudet, **xx**, 495; *Manual of Surgery*, by Rose and Carless, **xxix**, 128; *Manual of Surgery*, by Thompson-Niles, **xlvi**, 154; *Manual of Surgery*, by Treves, **iv**, 375, **xv**, 234; *Manual on the Surgery of the Face*, by Terrier, **xxv**, 794; *Manual de petite Chirurgie*, by Jamain, **xvii**, 637; *Mechanics of Surgery*, by Traux, **xxxi**, 142; *Military Surgery*, **iv**, 284, 291, **viii**, 73; *Minor Surgery and Bandaging*, by Wharton, **xxxiii**, 813, **xliv**, 475; *Minor Surgery and Venereal Diseases*, by Wharton, **xix**, 128, **xliv**, 475; *Minor Surgery*, by Wolzenderf, **ix**, 476; *Modern Surgery*, by Da Costa, **xxxiii**, 361, **xxxix**, 148; *Olshausen's Address on Marion Sim's Services to Surgery*, **xxv**, 795; *Operations of Surgery*, by Jacobson and Rowlands, **x**, 476, **xxvi**, 744, **xlvi**, 951; *Operative Surgery in Calcutta Medical College Hospital*, by Macleod, **ii**, 173;

Operative Surgery, by Bryant, **xxxv**, 130, **xlii**, 475; Operative Surgery, by Smith, **iii**, 456; Operative Surgery, by Stimson, **iii**, 456; Operative Surgery, by Treves, **xl**, 1033; Operative Surgery, by Zuckerkandl, **xxxvii**, 156; Ophthalmic Surgery, by Meller, **xlvi**, 957; Orthopædic Surgery, by Keetley, **xxxiii**, 224; Orthopædic Surgery, by Moore, **xxvii**, 692; Orthopædic Surgery, by Schreiber, **viii**, 480; Orthopædic Surgery, by A. H. Tubby, **xxvi**, 520; Orthopædic Surgery, by Royal Whitman, **xxxiv**, 717; Petit manual d'antiseptic et d'asepsi chirurgicales, of Terrier and Peraire, **xxi**, 125; Practical Surgery, Bergmann, Bruns, and Mikulicz's system, vol. i, **xxxiv**, 1041; Practical Surgery, by Senn, **xxxv**, 291; Practical Surgery, by Mears, **iii**, 455; Principles and Practise of Surgery, by Keen, **xl**, 153; Pratique des operations nouvelles en chirurgie, by Guillemain, **xxii**, 536; Principles of Surgery, by Van Buren, **i**, 79; by Hueter-Loessen, **lx**, 318, **xii**, 240; Principles and Practice of Surgery, by Vaughan, **xxxix**, 315; Principles of Surgery and Surgical Pathology, by Tillmann, **xxi**, 616; Principles of Surgery, by Senn, **xiv**, 329, **xxxv**, 131; Regional Minor Surgery, by Van Schaick, **xxxviii**, 157, **xli**, 800; Renal Surgery, by Morris, **xxix**, 399; Report on Surgery in Texas, by Cupples, **v**, 462; Retrospect of Surgery, by Shepherd, **xiii**, 79; Schmidt's Papers from Leipsic University Surgical Clinic, **viii**, 478; Section Cutting and Staining, by Coleman, **ix**, 477; Students' Surgery, by Gant, **iv**, 376, **xv**, 242; Surgeon's Pocket Book, by Proter, **viii**,

74; Surgery, by Carwardine, **xxxiv**, 326; Surgery, by Gant, **iv**, 376; Surgery, by Moulin, **xv**, 335; Surgery, by Von Bergmann, **xl**, 450; Surgery, by Walsham, **xv**, 242, **xxxii**, 871; Surgery, by Wyeth, **v**, 457; Surgery of the Alimentary Canal, by Maylard, **xxv**, 666; Surgery of the Bones, by Ollier, **ix**, 399; Surgery of the Gall-bladder, by Kümmell, **xii**, 254; Surgery of the Neck, by Terrier, **xxviii**, 153; Surgery of the Spine and Spinal Cord, by Chipault, **xvi**, 550, **xxviii**, 49; Surgery of Tendons, by E. J. Senn, **xxxiii**, 659; Surgery of the Uterus, by Delagenier, **xxix**, 401; Surgery, Its Principles and Practice, **xl**, 587; Synopsis of Surgery, by Groves, **xl**, 301; System of Practical Surgery, by Bergmann, Bruns, and Mikulicz, translation, edited by W. T. Bull, vol. i, **xxxix**, 1042; vols. ii and iii, **xl**, 450; vols. iv and v, **xli**, 153; System of Surgery, by Dennis and Billing, first volume, **xxii**, 135; second volume, **xxii**, 684; third volume, **xxiii**, 354; fourth volume, **xxiv**, 535; System of Surgery, by Treves, vol. i, **xxxiii**, 343; vol. ii, **xxiv**, 769; Teaching Surgery, by Burrell and Blake, **xl**, 452; Text-book of Abdominal Surgery, by Keith, **xxi**, 745; Text-book of Genito-urinary Surgery, by White and Martin, **xxv**, 792; Text-book of Operative Surgery, by Bickham, **xxxix**, 824, **xl**, 444; by Kocher, **xxii**, 537, **xxxix**, 1042; Text-book of Operative Surgery and Operative Technic, by Albert, **xii**, 159; Text-book of Regional Surgery, by Tillmann, **xiii**, 478; Text-book of Surgery, by Brewer, **xxxviii**, 927; by Koenig, **xx**, 117, **xxviii**, 782; Text-book on Surgery, by Wyeth, **xxviii**, 778; Theory and Practice of Surgery, by

- Walsham, **xxxii**, 871; Die Topographie der Niere und ihre bedeutung für die Nieren Chirurgie, by Zondek, **xxxviii**, 459; Traité des chirurgie d'urgence, by Lejars, **xxx**, 533; Treatise on Brain Surgery, by Starr, **xviii**, 473; Treatise on Cerebral Surgery, by Maubrac and Broca, **xxiii**, 771; Treatise on Orthopædic Surgery, by Bradford-Lovett, **xii**, 397; Treatise on the Practice of Surgery, by Wharton and Curtis, **xxvi**, 748; **xxxvii**, 312; Treatise on Surgery of the Alimentary Canal, by Maylard, **xxv**, 666; Treatise on Surgery of the Appendix Vermiformis, by Battle and Corner, **xlii**, 151; Treatise on Surgery by American Authors, by Park, **xxxv**, 547, **xlvi**, 936; Treatise on Surgery, by George Ryerson Fowler, **xliv**, 796; Treatise on Surgery, by Wyeth, **xlvi**, 939; Vorlesungen über Kreis-chirurgie, by Luke, **xxvi**, 655; Work-book in Surgery, by Coville, **xxxvii**, 160.
- Surgical clinic of University of Berlin**, contributions from, **iv**, 283, 285.
- Conditions in knee-joint, some, **xlvi**, 714.
- Diseases, leucocyte count, value of the differential, in acute, **xliii**, 485, 625; resulting from upright position of man, **vi**, 442.
- Engines, for cranial operations, **xi**, 125.
- Gangrene, pathology and treatment of, **xvi**, 260.
- Operating theatre, model, **vii**, 441.
- Operations, consent to render lawful, necessity of, **xlii**, 762.
- Operations, feeding after, **v**, 255; major, psychical end-results following, **xlvi**, 853; at the New York Hospital, **xxiii**, 717.
- Significance of dust, **xvii**, 464.
- Staff in general hospitals, organization of, **ii**, 389.
- Technic, aseptic, **xi**, 453, 464.
- Treatment of dyspepsia due to defective drainage, **xli**, 36; of empyema, **xvi**, 567; of exophthalmic goitre, the results of, **xliii**, 335; of gall-stones, indications for the, **xxxvi**, 155; of gastric ulcer and its sequelæ, **xxxv**, 529; of gastrop-tosis, **xxxii**, 41; of goitre, **xxxviii**, 202; of liver, neoplasm of, **xxx**, 284.
- Reviews of Books (Surgical):** Aid-mémoire de clinique chirurgicale, Le Fort, **xix**, 382; American Surgical Association, Reminiscences of the early days of the, **xlvi**, 833; Transactions of, **ii**, 433; for 1886, **v**, 459; for 1887, 1888, 1889, **x**, 319; for 1891, **xv**, 415; for 1892, **xvii**, 255; for 1894, **xx**, 620; for 1895, **xxiii**, 368; for 1896, **xxv**, 580; for 1897, **xxvii**, 398; for 1898, **xxx**, 380; for 1899, **xxxi**, 521; for 1900, **xxxiii**, 223; for 1901, **xxxv**, 852; for 1902, **xxxviii**, 471; for 1904, **xlii**, 965; for 1908, **xlvi**, 1044; Appendicitis and its Surgical Treatment, by Mynter, **xxvi**, 746; Applied Surgical Anatomy Regionally Presented, by George Woolsey, **xxxviii**, 470; Best Surgical Dressing, by Newell, **viii**, 476; Clinical Text-book of Surgical Diagnosis and Treatment, by McDonald, **xxviii**, 152; Clinique Chirurgicale, Richet, **xix**, 382; Éléments de pathologie et de clinique chirurgicales, **xi**, 769; Elements of Surgical Diagnosis, by Pearce Gould, **xi**, 451; Experimental and Clinical Research into Problems Relating to Surgical Operations, by Crile, **xxxv**, 851; French Surgical Association, Transactions, session of 1897, **xxviii**, 682; General Surgical Pathology, by Baudry, **viii**, 474; Guide to Surgical Anatomy, by Roser,

xii, 400; Manual of Surgical Anæsthesia, by Terrier, **xx**, 128; Manual of Surgical Technic, by Mosetig-Moorhof, **xii**, 158; Manual of Surgical Treatment, by Cheyne and Burghard, **xxx**, 517, **xxxii**, 747, **xxxvi**, 805; Memoirs from the Kiel Surgical Clinic, by Esmarch, **ix**, 157; Misfortunes in Surgical Practice, by Nussbaum, **ix**, 79; Principles of Military Surgical Dressing, by Langenbuch, **vi**, 286; Southern Surgical and Gynecological Association, transactions, vol. **iii**, **xx**, 127, **xxii**, 543; vol. **viii**, 1896, **xxiv**, 668; for 1901, **xxxv**, 293; vol. **xi**, **xxx**, 788; vol. **xii**, **xxxiii**, 366; vol. **xiv**, 1902, **xxxvii**, 318; for 1903, **xxxix**, 157; Students' Handbook of Surgical Operations, by Treves, **xvi**, 502; Surgical Aid on the Battle Field, by Frænkel, **ix**, 78; Surgical Anatomy, vol. **i**, by Deaver, **xxx**, 137; Surgical Anatomy, by Roser, **v**, 461; Surgical Anatomy, by Schüller, **iv**, 284, 291; Surgical Antisepsis, by Troisfontaines, **viii**, 236; Surgical Aspects of Digestive Disorders, by Mumford and Stone, **xl**, 156; Surgical Assistant, by Brickner, **xliii**, 481; Surgical Bacteriology, by Senn, **xv**, 246; Surgical Diagnosis, by Berg, **xliii**, 642; by Berry, **xl**, 1036; by D. N. Eisendrath, **xlvi**, 151; Surgical Disease, by Albert, **xxxvi**, 807; Surgical Diseases, by Clark, **vii**, 229; Surgical Diseases of the Abdomen, by R. Douglas, **xxxviii**, 466; Surgical Diseases of Children, by Owen, **iii**, 447; Surgical Diseases of Children, by Power, **xxii**, 539; Surgical Diseases of Children, by Shoenborn, **vii**, 317; Surgical Diseases of the Genito-urinary Tract, by Lydston, **xxxi**, 268; Surgical Diseases of the

Genito-urinary Organs, by Keyes, **xxxviii**, 153; Surgical Diseases of Kidney, by Henry Morris, **iv**, 281; Surgical Diseases and Injuries of the Face, by Trendelenberg, **iv**, 283, 288; Surgical Diseases and Injuries of the Peripheral Nerves, by Holliker, **xiv**, 334; Surgical Experiences in South Africa, by Makins, **xxxvi**, 477; Surgical Handbook, by Caird and Cathcart, **x**, 479; Surgical Handicraft, by W. Pye, **i**, 375, **iii**, 538; Surgical Memoirs and Other Essays, by Mumford, **xlix**, 447; Surgical Pathology, by Landerer, **vii**, 235; Surgical Pathology and Therapeutics, by Warren, **xxi**, 488; Surgical Reports of Basel Hospital, by Keser and Socin, **iii**, 453; Surgical Technic, by Mosetig-Moorhof, **v**, 460; Surgical Treatment of Diseases of Brain, by Bergmann, **viii**, 283; Surgical Treatment of Goitre, by Woelfler, **vi**, 286, **xv**, 439; Traité des maladies chirurgicales d'origine congenitale, by Kirnuseon, **xxviii**, 678; Treatise on Surgical Treatment of Shock, by Crile, **xxxix**, 310; Typical Surgical Operations on the Cadaver, by Rotter, **vi**, 285; Vademecum of Surgical Anatomy, by Roser, **v**, 461.

SUTER, DR.: Balsam of Peru as therapeutic agent in the treatment of wounds, **xlvi**, 924.

SUTTON, J. B.: Dermoid cysts of the scalp and midline of the back, note on, **x**, 81.

SUTTON, R. S.: Observations in abdominal section, **i**, 182.

Suture, animal, the, **xi**, 370.

Arteries, of, experimental study of, **xliv**, 409, 460.

Brachial artery, of, **xl**, 107.

Buried, **i**, 73.

Crossed, **xv**, 351.

Divided tendon, of, late, **xxiii**, 739.



- Fractures, of, primary, **xxxvi**, 974.
- Hemorrhoids, individual excision and, in operating for removal of, **xliv**, 275, 479.
- Interlocking intestinal, **xlvi**, 837.
- Intestine, of, **vi**, 513.
- Ligatures, and, made from parietal peritoneum, **xxiii**, 320.
- Nerve, **v**, 340, 348.
- Non-absorbable, **xlvi**, 758.
- Patella, of fracture of, **viii**, 186.
- Scissors for the removal of deep-seated invisible, **xliv**, 461.
- Secondary, **iii**, 436; nerve, **ii**, 181.
- Tendon, **ii**, 427, **viii**, 152, **ix**, 55; and nerves, distance, **v**, 348; of ulnar and sciatic nerves, **v**, 256.
- Wound of femoral vein, **v**, 258.
- Wounds, of, secondary, **vi**, 447.
- Review of Book: Intestinal Suture, by Terrier and Baudouin, **xxxi**, 773.
- Swallowed foreign bodies**, Röntgen rays, located by the, cases of, **xxvii**, 64.
- Sweat-glands**, bacteria, secretion of, by, **xliv**, 728.
- SWEET, J. EDWIN**: Surgery of the vascular system, **xlvi**, 484; technic of blood vessel suture, **xlvi**, 350.
- SWEETMAN, LESLIE M.**: Relief of tympanites by posture, **xxiii**, 268.
- SWINBURNE, GEORGE K.**: Disturbances due to disease of the verumontanum and its treatment with the posterior urethroscope, **xlvi**, 369.
- SYMONDS, H. P.**: Vesical calculus spontaneous fracture of, **ix**, 274; surgical affections of the joints treated with listerian precautions, **ii**, 61.
- Sympathetic**, neurofibromata of the cervical, **xxvii**, 487.
- Sympathectomy**, cervical, **xxx**, 121.
- Glaucoma, for, **xxxv**, 816, **xxxvi**, 379.
- Goitre, for exophthalmic, **xxxviii**, 161.
- Symphiseotomy**, bladder, in operations of, **xviii**, 586.
- Clinique Baudelocque, at, **xviii**, 112.
- Symphysis pubis**, multiple papillomata of the bladder—extirpation by transverse incision through, **xxxiii**, 198.
- SYMS, PARKER**: Actinomycosis, **xxv**, 155; hominis, **xxii**, 387; appendicitis, portal phlebitis, and absence of liver, **xliv**, 856; bullet in the brain, **xliv**, 861; carcinoma of the breast at sixteen, **xlvi**, 144; case of appendicitis due to a pin in the appendix, **xxiii**, 604; cases of compound depressed fracture of the skull, **xliv**, 543; of cured aneurism of abdominal aorta simulating a solid tumor, **xvii**, 314; of ruptured spleen, **xxxi**, 737; chylous cyst of mesentery, **xxiii**, 605; compound depressed fracture of skull, **xxx**, 507; crush of superior maxilla, **xliv**, 858; cystic kidney, **xxxix**, 598; diagnosis of abdominal tumors, **xvii**, 340; embolism of the superior mesenteric artery, with gangrene of the intestine, **xliv**, 629; gall-stones, **xxx**, 516; mammary cyst with carcinomatous degeneration, **xix**, 87; perineal prostatectomy, **xliv**, 619; peritoneal tuberculosis, **xlvi**, 95; prostatectomy, **xxix**, 313, 348; by the perineal route, **xxxv**, 410, 467; remarks on appendicitis, **xl**, 727, 761; general remarks on operations without anaesthesia, **xxvii**, 668; surgery of peritoneal tuberculosis, **xlvi**, 148; technic of removal of upper jaw, **xxx**, 229; treatment of fecal fistula, **xxv**, 475; ununited fracture of olecranon, **xxxi**, 756.
- Synanche contagiosa**, surgical treatment of, **iii**, 78.

**Syncope**, chloroform, treatment of, **xvi**, 252.  
**Synovial** cysts of knee and wrists, **vi**, 171.  
 Fibrolipoma of the knee-joint, **xlvi**, 787.  
 Membrane behind knee-joint, extirpation of, **iv**, 427; fat tabs of, **xlvi**, 720.  
 Sacs and sheaths of palm, **vii**, 296.  
 Tuberculosis, **iv**, 265, 427.  
**Synovitis**, antiseptic irrigation of the knee-joint for chronic serous, **iii**, 442.  
 Gonorrhoeal, **xxviii**, 725.  
 Knee in hereditary syphilis, of, **iv**, 87.  
 Knee-joint, chronic hypertrophic of, **xliv**, 444.  
 Tendon sheaths of wrist and hand, of, tuberculous, **iv**, 444.  
**Syphilis**, **iv**, 86, 87, 373, **xv**, 53.  
 Aural, **viii**, 65.  
 Bones, of the, **xlvi**, 199.  
 Cancer, and **vi**, 353; and jaundice, **vi**, 355.  
 Certain points in connection with, **vi**, 353.  
 Conditions increasing the severity of, **vi**, 354.  
 Cutanea vegetans, case of, **xxi**, 46.  
 Delayed, **ii**, 303.  
 Erysipelas, and, **viii**, 63.  
 Etiological factor in pulmonary disease, as an, **vi**, 284.  
 Germ theory of, **xl**, 417.  
 Hepatic, **xxvii**, 726.  
 Hereditaria tarda, **xli**, 799.  
 Hereditary joint, histology and radiography of, **xliv**, 740.  
 Hysterical paralysis in subjects of, **vi**, 282.  
 Liver, of, **xxxvii**, 726; of the, note on, **xlvi**, 186.  
 Man, aged thirty, hereditary, in a, **v**, 175.  
 Note on case terminating in death, **xxxii**, 126.  
 Paraplegia in, **ii**, 256.  
 Pigmentary, **viii**, 64.  
 Potassium iodide in, value of, **xliv**, 623.  
 Primary, **viii**, 62, 67.  
 Secondary, cases of, complicated with chronic appendicitis, treatment of, **xxvii**, 74, 101.

Situation of initial lesion in males, **i**, 370.  
 Skull, hypertrophy of, in hereditary, **viii**, 302.  
 Subcutaneous injection of calomel in, **vi**, 282; of mercury for, **v**, 174.  
 Symmetrical manifestations of, **xi**, 329.  
 Tertiary in a man aged thirty, **v**, 175.  
 Treated by calomel subcutaneously, **viii**, 62.  
 Tumor, metatarsophalangeal, appearing as a, **viii**, 65.  
 Vertebrae, of Pott's disease, differentiation of, from, **xxix**, 641.  
 Reviews of Books: Atlas of Syphilis and Venereal Diseases, by Mracek, **xxviii**, 680; Manual of Syphilis and the Venereal Diseases, by Montgomery and Hyde, **xxiii**, 363; Syphilis in the Innocent, by Bulkley, **xx**, 253.  
**Syphilitic** affections of cerebral nerves, **i**, 276.  
 Chancre, excision of, **ii**, 299.  
 Early, **ii**, 332.  
 Epididymis, of, **xxv**, 306.  
 Growths, sarcomata and lymphomata, how distinguished from other, **xxii**, 112.  
 Joint affections, **xxviii**, 730.  
 Hereditary disease of joints, **i**, 488.  
 Lesions of anus, **vii**, 147.  
 Multiple fracture in a, **ii**, 344.  
 Stricture of rectum with end-to-end anastomosis, **xl**, 146; rectum, of, relieved by means of Kraske's sacral extirpation, **xvi**, 267.  
**Syphilitics**, marriage of, **xx**, 94.  
**Syphilology**, points in, **ii**, 299.  
**Syphiloma**, diffuse hypertrophic, **vi**, 354.  
 External muscles of, **ix**, 157.  
 Liver, of, **xxii**, 517.  
 Muscle, of, **xi**, 65.  
 Surgically important, **xiv**, 73.  
**Syringomyelia**, **vi**, 90.  
**Szymanowski's** operation applied to cure of urethro-perineal fistula, **iv**, 461.

## T

- Tabetic disease** of knee-joint, **xliv**, 463.
- Table** for operations of head and neck cases, **xliv**, 159.
- TAIT, DUDLEY**: Elastic ligature and the ligature method, **xlili**, 190; eversion of the tunica vaginalis as a remedy for hydrocele, **xxxiii**, 305; cases of Tait's operation, **ii**, 518.
- Talipes** (see Club-foot), excision of astragalus for, **xxvii**, 529; operative treatment of, **vi**, 92; tarsectomy for, **xxvii**, 776.
- Calcaneus, equinovarus** in adult, **xxxvii**, 430; result of, **xxxvii**, 107; paralyticus, operative treatment, **xi**, 240.
- Calcaneus, paralytic**, treatment of by astragalectomy and backward displacement of the foot, **xlvi**, 264, 291.
- Equinovarus**, **ix**, 101; astragalus, relief of, by excision of, **xxix**, 270, 632; inveterate, operative treatment of, and relapsed cases of, **xxix**, 449; operative treatment of, **xxiii**, 478; orthopædic surgery, results of, **ix**, 306; osteotomy for the relief of double congenital, **xi**, 334; treated by osteotomy, inveterate, **v**, 201.
- Valgus, tendon transplantation** for, **xlvi**, 788.
- Varus, cuneiform osteotomy**, treated by, **xii**, 421; posterior tarsotomy for old cases of, **ii**, 167; Pott's fracture deformity, note on its correction by artificially produced, **xxi**, 461.
- Talma's operation**, parieto-omental adhesions, for, **xxxvi**, 962.
- Tamponade**, antiseptic, **iii**, 436.
- Tampons**, absorbable antiseptic, **ix**, 221.
- Review of Book: Absorbable Tampons, by Gluck, **xii**, 266.
- Tannic acid** as a surgical dressing, **vi**, 144.
- Tannin**, treatment of ingrowing toe-nail with, **v**, 75.
- TARNOWSKY, GEORGE DE**: Contre-coup fracture of sternum, **xli**, 252.
- Tarsal bones**, excision of, **iii**, 206; fractures of, **xli**, 363.
- Joints**, Charcot's disease of, **xliv**, 119.
- Scaphoid bone**, fracture of, **xlvi**, 633.
- Tarsectomy**, talipes, for, **xxvii**, 776.
- Tarsometatarsal resection**, **ix**, 233.
- Tarsotomy** in club-foot, **i**, 94; for old cases of talipes varus, **ii**, 167.
- Tarsus**, excision of the bones of, **iv**, 293; of entire, **i**, 271; subperiosteal, **xvii**, 104; fractures of, old, **xliv**, 69; partial resection of, **ii**, 412; result of Bier's treatment of tuberculosis of the, **i**, 639.
- TAYLOR, ALFRED L.**: Neck incisions and nerve injuries, **xlvi**, 628.
- TAYLOR, EDWARD H.**: Operative treatment of carcinoma of rectum, **xxv**, 385.
- TAYLOR, FRANK E.**: Unsuspected lesions in movable kidneys discovered during nephropexy, **xi**, 215.
- TAYLOR, HENRY LING**: Dislocations of the semilunar cartilages of knee-joint, **xxviii**, 531; isolated fracture of the greater tuberosity of humerus, **xlvi**, 10; management of supuration complicating tuberculous disease of bones and joints, **xvii**, 423; Volkmann's ischæmic paralysis, **xlvi**, 394, 453; of forearm, **xlvi**, 460.
- TAYLOR, M. H.**: Hernia following operations for appendicitis, **xxxix**, 128.
- TAYLOR, R. TUNSTALL**: Dislocations of the semilunar cartilages of knee-joint, **xxviii**, 530; osteoma of knee-joint, **xxxvii**, 84.
- TAYLOR, WILLIAM J.**: Acute carcinoma of breast, **xliv**, 153; cæcal hernia, **xxxiv**, 440; chewing gum removed from bladder, **xlvi**, 317; dislocation

of a vertebra, **xliv**, 459; drainage in empyema, **xxii**, 119; dermoid cyst in the abdominal wall of a man, **xxiii**, 296; differentiation of syphilis of the vertebra from Pott's disease, **xxix**, 644; effect upon glandular tissue of exposure to, **xliii**, 431, 460; excision of the wrist by Mynter's method, **xxxii**, 360, 618; experience with Meckel's diverticulum, **xliv**, 124; extradural hemorrhage, **xxxvii**, 453; excision of wrist, **xxxiii**, 59; exploration of kidney in cases of suspected calculus, **xxviii**, 663; fracture of the thyroid cartilage, **xvii**, 715; gangrene of the forearm after hysterectomy, **xxxvi**, 153; goitre as affected by the X-ray, **xlix**, 578, 580; gunshot wound of the brain, **xlix**, 876; hæmophilic knee-joint, operation, control of hemorrhage by use of thyroid extract, **xliv**, 787; intestinal obstruction from degenerated Meckel's diverticulum, **xxxvii**, 111; jack-stone in œsophagus necessitating tracheotomy for dispnoea, **xxii**, 109, 111; late results from fracture of patella, **xxxix**, 1027; leontiasis, **xxiii**, 308; Moynihan's clamps and split-eyed needles for use in gastro-enterostomy, **xl**, 424; multiple fractures of bones, **xvii**, 716; multiple fractures of upper extremity, **xlvi**, 319; multiple neuromata of leg, **xl**, 422; myositis ossificans, **xxxvii**, 825, 959; œsophagotomy for impacted coin, **xlvi**, 296; operations for badly united fractures of elbow, **xxviii**, 142; operative relief of intestinal obstruction, **xxix**, 264; operative treatment of perforated typhoid ulcer, **xxxix**, 124; ossium leontiasis, **xxxix**, 443; osteoma of the **xli**, 151; osteoplastic resection of skull, **xxxvi**, 152; pain complicating injuries to the hip in aged, **xxxvii**, 119; per-

foration of intestine from gun, **xxxiii**, 648; postoperative treatment, **xlvi**, 326; protest against vaginal hysterectomy for carcinoma, **xl**, 140; rupture of gall-bladder followed by profound toxæmia, **xl**, 425, 430; traumatic aneurism of the left subclavian artery produced by fracture of clavicle, **xxxviii**, 638; of intestine, **xxxvii**, 448; of liver, **xxiv**, 234; treatment of fractures of the lower end of radius, **xxix**, 277; of movable kidney, **xxix**, 761; of tetanus, **xxxv**, 521; of tubercular abscess, **xxii**, 104; unreduced elbow dislocation, **xliii**, 780; urethrotomy for urethral stricture, **xliii**, 455; use of cautery for hemorrhoids, **xxxv**, 826; varicose veins simulating femoral hernia, **xlii**, 127; vesical calculus with nucleus of chewing gum, **xli**, 479; volvulus of the small intestine in typhoid fever simulating perforation, **xliv**, 312.

**Teeth**, cysts in connection with, **xxxvii**, 65.

Extraction, treatment of pain after, **ix**, 454.

Hutchinsonian, **ii**, 305.

Reviews of Books: Local Anæsthesia for the Extraction of Teeth, by Vian, **vii**, 30; Surgery of the Teeth, by N. W. Kingsley, **i**, 391.

**Telangiectasia**, treatment of, **iv**, 166.

**Telangiectatic lipoma**, **xliii**, 789.

**Myofibroma of larynx**, **xl**, 88.

**Telelymphangioma**, congenital of groin, **xxx**, 600.

**Telephonic searcher** for use in bladder, **xlvi**, 459.

**Temperature** of blood attending simple fractures, **ii**, 158.

Relationship existing in shock, experimental research into, **xxxviii**, 843.

Subcutaneous fractures, in, **iv**, 261.

**Temple**, carcinoma of, **xxxiii**, 194.

**Temporal bone**, fracture involving the petrous portion of,

- xvi**, 179; necrosis of entire, **xxx**, 223.
- Fascia, cranial defects, to cover in, on the use of, **xliv**, 170.
- Region, aneurism tumors of, **ii**, 251.
- Temporomaxillary** ankylosis, **xxvii**, 572; condyles for, resection of, **xvii**, 227; excision of condyles of jaw for, **xxxix**, 450; operation for, new, **xx**, 597.
- Joint, ankylosis of, bilateral bony, surgical treatment of, **xxxviii**, 212; ankylosis of, **vi**, 153; ankylosis of, bony, **xxxv**, 517; operation for, **xviii**, 39; ankylosis of, with osteotomy of inferior maxilla for cure, **x**, 426; dislocation of, irreducible unilateral, **xxvii**, 366; true ankylosis, exsection of, for, **v**, 141.
- Tendon**, of biceps muscle, rupture of long, **v**, 268.
- Club-foot, congenital, transplantation for, **xlvi**, 135.
- Elongation of a muscle for contracted, **iii**, 337.
- Exsection of bones in continuity preparatory to secondary suture of, and nerves, **i**, 484.
- Fibres, oblique muscle, external, as suture material in hernia operations, from, **xxxiv**, 323.
- Grafting in club-foot, **xlvi**, 932.
- Healing of severed, researches regarding the, **xvi**, 269.
- Injuries of, **vi**, 227.
- Lengthening and Wolfe grafts, use of in treating cicatricial contractures, **xliii**, 278, 304.
- Lipoma of sheath of, **ix**, 146.
- Nerve, and, distance suture of, **v**, 348.
- Operation, plastic, for lengthening, **xxiv**, 371.
- Palmaris longus, of, pure fibroma of, **viii**, 59.
- Paralytic deformities, relief of by transplantation, **xxiii**, 333.
- Periosteal implantation, **xxxiii**, 100.
- Rupture of quadriceps extensor cruris, **xi**, 102, **xviii**, 98, **xl**, 273; on both sides, **v**, 455; treated by suture, **xxv**, 355; treatment, **xxii**, 506; suture of divided, **xxxix**, 603; of old rupture of, **xxix**, 490.
- Surgery, **xxxiii**, 582, 659.
- Suture, **ii**, 427, **xxxiii**, 661; functional prognosis of, **ix**, 55; late, of divided, **xxiii**, 739; teno-plastic, **viii**, 152.
- Transplantation, **xxxvi**, 288, **xlvi**, 635, **xlvi**, 142; transplantation and nerve anastomosis, infantile paralysis, treated by, **xlvi**, 470; transplantation for talipes valgus, **xlvi**, 788.
- Treatment of ruptured or divided, **vi**, 170.
- Tuberculosis of, **xxviii**, 384.
- Wrist and hand, tuberculous synovitis of sheath, **iv**, 444.
- Tendoplasty**, **xxxi**, 132.
- Tendovaginitis**, tuberculous, **i**, 564.
- TENNEY, BENJAMIN**: Anatomy and surgery of the internal derangements of knee-joint, **xl**, 1; some surgical conditions in knee-joint, **xlvi**, 714.
- Tenoplastic surgery**, **xxvi**, 153.
- Tenoplasty**, flat-foot, for, **xxxviii**, 150.
- Tenorrhaphy**, **xxxix**, 284.
- Tenosynovitis**, chronic, **xxxiv**, 576, **xli**, 778.
- Tubercular, **xxxvi**, 137.
- Wrist, of, **xlvi**, 617.
- Tenotomy** of accessory tendons of ring finger in musicians, **i**, 185.
- Club-foot, treatment of, by immediate restoration after, **viii**, 396.
- Knee, contracted, by open method for, **xvii**, 406.
- Teratoma sinus frontalis**, **iv**, 68; of testis, **xxxiv**, 391, 415.
- Teratomata**, inguinoscrotal region of, **xliv**, 582.
- Terebene**, as a surgical dressing, **ix**, 452.
- TESCHNER, JACOB**: Post-paralytic, results obtainable in the treatment of some deformities, **xxx**, 571; postural deformities of the trunk by means of rapid and thorough physical development, **xxii**, 226.
- Testes**, two on one side, **xlvi**, 785.
- Testicle** (see also Castration,



- Chylocele, Hydrocele), carcinoma of, in a child, **xv**, 142; in infants, **i**, 482; operative treatment of, **xxii**, 478.
- Castration for tuberculosis of, **vi**, 54; for primary tuberculosis of, **ix**, 387.
- Chondrocarcinoma of, **xxx**, 210.
- Consecutive extirpation of both, for primary tuberculosis of, **x**, 169.
- Ectopion of, surgical treatment of, **xii**, 391.
- Epididymectomy for, **xli**, 780.
- Epididymis, for recurrent carcinoma of, removal of, **viii**, 446.
- Femur, primary tumor of, with metastasis in head of, **xli**, 799.
- Gangrene of, after chronic inflammation of the spermatic cord, **xxvi**, 666.
- Hernia, and, affections of the, **iv**, 190; complicating, undescended, **xli**, 951; from tuberculosis of scrotum, **v**, 430; inguinal, in radical operations for, conditions justifying removal of, **xix**, 697.
- Inflammatory diseases of, **ix**, 466.
- New classification of tumors of, **vi**, 232.
- Perineal, restored to its proper position, **xx**, 94.
- Removal of, **v**, 8.
- Sarcoma of retained, **xxvii**, 640; of undescended, **xvii**, 448.
- Strangulation of, from torsion of the spermatic cord, **xx**, 97; from twist of spermatic cord, **xix**, 530.
- Tubercular, double castration, for, **xli**, 778.
- Tuberculosis of, **i**, 369, **xli**, 745, **xlvi**, 918, **xliv**, 800; resection of, for, **xxx**, 649.
- Undescended, **xi**, 962; cases of, **xxx**, 338; operation for, **xxvi**, 365.
- Testis**, descending in an adult, **iii**, 250.
- Ectopy of the, transverse, **xi**, 223.
- Endotheliomata of, **xxx**, 131.
- Galactocoele of the tunica vaginalis, **ii**, 335.
- Hernia, inguinal, associated with, reposition followed by necrosis, **xlvi**, 467; irreducible inguinal, complicating sarcoma of the testis, **xlvi**, 822.
- Lipoma of, **iii**, 365.
- Lymph-nodes, lumbar, malignant disease of, excision of, for, **xxxvi**, 539.
- Misplaced, **xxxvii**, 102; operation for, result of, **xlvi**, 351, 932.
- Sarcoma of, **xxix**, 492, **xxxii**, 712.
- Strangulation of, by torsion of the cord, **xxxiv**, 234.
- Teratoma of, **xxxiv**, 391, 415.
- Tuberculosis of, **xxxii**, 606, **xxxiv**, 306, 574, **xlvi**, 290; results of castration for, **xxxvi**, 309.
- Undescended, **xxxiv**, 296; or maldescended, associated with inguinal hernia, treatment of, **xlvi**, 321.
- TETAMORE**, F. L.: Paraffin molds for plaster casts, **ii**, 478.
- Tetanic** virus, antidotes to, **xi**, 469.
- Tetanus**, **v**, 248, **xiv**, 138, **xxxii**, 219, 416, 575.
- Absolute rest, treated by, **xi**, 113.
- Amputation, after, for gunshot wound of forearm, **xliv**, 131.
- Antitetanic serum for, intracerebral injections of, **xxx**, 366, 368, 749; recovery from, under large doses, **xxix**, 287.
- Antitoxin, cases of recovery from, after use of, **xxviii**, 237; treated by, **xxvii**, 228; treated by intraneural and spinal injections of, acute, **xi**, 417, 759; treatment of, by intracerebral injections of, **xxix**, 516; treatment of, with, **xxvi**, 507, 657.
- Appendectomy, after, **xlii**, 458.
- Carbolic acid injections, by, **xi**, 470.
- Etiology of, **vi**, 63, **ix**, 355, **x**, 180; in man, **iv**, 533.
- Fecal origin of some forms of, prophylaxis by proper dietetic or culinary measures, **i**, 338.
- Frost bite, after, **v**, 533.
- Geographical distribution, pro-

- phylaxis, and treatment of, **xxvi**, 710.
- Goitre, following extirpation of, **xi**, 223.
- Hydrophobicus, **ix**, 72, **x**, 255; facial paralysis in, **xv**, 386.
- Immunity against, **xix**, 699.
- Intramural injections of, antitoxin, **xlii**, 939.
- Magnesium sulphate, treated by intraspinal injections of, **xliii**, 440, **xliv**, 367.
- Remarks on, **xxvii**, 234, 236.
- Serum therapy of, **xliv**, 321.
- Surgical prophylaxis, **xlii**, 131.
- Tetanic antitoxin, effects of, in treatment of, **xxxix**, 119, 273, 360, 366, 370.
- Traumatic, **ii**, 499.
- Treatment of, by chloretone, **i**, 52.
- Umbilical wounds from, **ii**, 88.
- Vaccination, after, **xxxv**, 520.
- Wound, bacilli, infecting—excision—no tetanus, **xxxvii**, 399.
- Tetany**, **xiv**, 125.
- Appendicitis, with, **xlvi**, 859.
- Gastric, **xi**, 909; dilatation and, **xxxix**, 527.
- Parathyreopriva, **xlvi**, 507.
- Stomach of, **xxxix**, 527.
- Thyroidectomy, following, cured by the subcutaneous injection of parathyroid emulsion, **xlvi**, 161.
- Texas**, Cupples' report on surgery in, **v**, 462.
- Theine**—new analgesic, **iii**, 158.
- Therapeutics** (reviews of books), Applied, by Wilson and Eshner, **xxv**, 522; by Wood, **ix**, 240; Text-book of Practical, by Hare, **xii**, 473, **xliii**, 804, **xxxvi**, 986.
- Thermopile** and secondary battery for producing electricity for medical and surgical purpose, **vi**, 248.
- THIENHAUS, CHARLES O.**: Duodenocholedochotomy for impacted gall-stones, **xxxvi**, 927; fracture of astragalus, **xliii**, 295; separation of great epiphyseal trochanter, **xliii**, 754.
- Thiersch** grafting, late changes in, **xliii**, 306; method of, **xii**, 78; after-course of the transplanted patches, **xii**, 78, **xix**, 705; pterygium, in the operation for, **xvi**, 258; skin according to, **ix**, 179, 290, 357; twisting method in neurectomy, **xlvi**, 636.
- Thigh**, actinomycosis of, **viii**, 468.
- Amputation of, for gangrene of leg in a child of four weeks, **xxxvi**, 131; lower third of, senile gangrene of toes, **xvi**, 174.
- Aneurism of, varicose, **xxii**, 372, 391.
- Bone, fracture of, in babies, treatment of, **xxvi**, 480.
- Dermoid cyst of, deep-seated, **xvi**, 462.
- Erysipelas, reabsorption of callosus in fractured, **v**, 437.
- Extirpation of tumors of Scarpa's triangle of, **iv**, 274.
- Left leg and right forearm, simultaneous amputation of right, **viii**, 153.
- Malignant growths by exarticulation, curability of, **xii**, 376.
- Osteoplastic amputation of, **xxxix**, 131.
- Pseudarthrosis, resection and bone suture in, **ix**, 105.
- Right arm and left index and ring fingers, simultaneous amputation of left, **viii**, 154.
- Sarcoma of, **xliv**, 629; large periosteal, **xxiv**, 188; personal immunity from recurrence after amputation of, for, **xxxiv**, 506.
- Thiosinamin**, keloids, in the treatment of, **xxxiv**, 708.
- THOMAS, BENJAMIN A.**: Oesophagoscopy and gastroscopy, **i**, 505; renal disease and sufficiency, diagnosis of, **xlvi**, 588, 640.
- THOMAS, J. D.**: Cysts of mesentery, **xxvi**, 527.
- THOMAS, J. LYNN**: Uses of the Röntgen rays in surgery, **xxvi**, 703; vas deferens anastomosis, **xlix**, 303.
- THOMAS, JOHN JENKS**: Nerve involvement in the ischæmic paralysis and contracture of Volkmann, **xlix**, 330.
- THOMAS, W. HERSEY**: Improvement on the technic of end-

- to-end intestinal anastomosis, **xxv**, 230.
- Thomas's wrench in club-foot, **ix**, 101.
- THOMPSON, JAMES E.: Intestinal obstruction caused by Meckel's diverticulum, **xxvii**, 448; stricture of the cesophagus due to typhoidal ulceration, **xxxix**, 683; surgical treatment of neoplasm of liver, **xxx**, 284.
- THOMSON, W.: Aneurismal tumors of the temporal region, **ii**, 251; upon some abnormal conditions which may complicate the operation of colotomy, **vi**, 465.
- Thoracic amputation of upper extremity, interscapulo, **v**, 346.
- Duct, cervical, wounds of, **xxvii**, 719; neck, in operations on the, injury to, **xxviii**, 229; surgical relations of, **xx**, 86; operation wounds of, **xx**, 87; operative injury at the root of the neck, case of, **xxiii**, 582; producing chylothorax, rupture of, **ii**, 263; rupture of, **iii**, 83, **xv**, 78, **xxi**, 208; surgery of, **xlvi**, 705.
- Empyema (see Empyema Thoracis), new method of operating for, **xi**, 123.
- Esophagus, experimental studies upon, **xlvi**, 544.
- Resection for pyothorax, **xxxix**, 403.
- Tubercular stenosis and rupture of, **ii**, 418.
- Wall for large tumors of the chest, resection of, **ii**, 413.
- Thoracobronchotomy, foreign body, for a, **xlvi**, 369.
- Thoracocentesis for empyema, **iii**, 83, **v**, 358.
- Thoracoplasty, **v**, 394, **xvii**, 447, **xxi**, 721, **xxxi**, 619, **i**, 644; bronchial fistula, for, **xxxi**, 256; empyema, for, **xxiii**, 602; lung decortication, and, **xliv**, 866; sinus after empyema following subphrenic abscess for, **xlvi**, 461.
- Thoracotomy, **xlvi**, 138; exploratory, under positive pressure, for cesophageal cancer, **i**, 642; new method of, **xviii**, 77; posterior, for foreign body in the right bronchus, **xxviii**, 605, 656; sarcoma of chest, for, extensive, **viii**, 254.
- Thorax (see Empyema Thoracis, Lungs, Pulmonary), abdomen, and, penetrating gunshot wound of, **xxxv**, 638, **xxxvii**, 437.
- Cyst, dermoid, of the, **xxxv**, 659; empyema of, **xxxiv**, 179.
- Empyema of, in children, surgery of, **xxix**, 455.
- Operations involving the cavity of the, in positive and negative atmospheric pressure, **xlvi**, 784; involving free opening of the, **xliv**, 382.
- Sarcoma of the wall of, successful excision of, **xxxiv**, 281.
- Stab wound of, **ix**, 93, 94; penetrating, **xxx**, 235.
- Traumatism of, extensive, **xix**, 727.
- Tuberculosis of thorax wall, pleura, and lung, extensive resection of, for relief of, **xii**, 366.
- Tuberculous empyema, resection of, in old, **xxxviii**, 908.
- Wounds, penetrating, of, **xxix**, 506.
- Review of Book: Essentials of Physical Diagnosis of Thorax, by Corwin, **xxviii**, 409.
- THORN, S. S.: Case of extracranial trifacial neurectomy, **xxi**, 296.
- THORNDIKE, PAUL: Has the catheter a place in the treatment of chronic prostatic hypertrophy? **xli**, 492.
- THORNTON: Recent cases of hepatic surgery, **xiv**, 391.
- Throat and air-passage wounds, closed by immediate suture, **xvii**, 490.
- Chancre of, **iv**, 86.
- Neck, and, septic infection of, acute, **xliv**, 175.
- Reviews of Books: Diseases of the Throat and Nose, by Price-Brown, **xxii**, 148; Throat and Nose Work for the General Practitioner, by Richards, **xxxix**, 479.
- Thrombosis, after operation for acute appendicitis, **xli**, 145.

- Cavernous sinus, of, alveolar abscess with, **iv**, 170.  
 Ectopic gestation, after operation for, **xli**, 147.  
 Embolism, and, after fracture, death from, **iv**, 261.  
 Jugular vein, of, **xxxix**, 276.  
 Mesenteric arteries, of, **xxxviii**, 110; of superior, **xli**, 302, 310.  
 Mesentery, of, **xliii**, 613.  
 Pulmonary artery, of, after removal of large ovarian cyst, **xli**, 143.  
 Relation of poisoning with fibrine ferment to, **iii**, 158.  
 Venous and hydrocele of the inguinal canal, **xlvi**, 247.  
**Thumb**, dislocation of, incision of, for reduction of, **xxvii**, 654.  
 Metacarpus upon, backward dislocation of, **iv**, 549.  
 Supernumerary, **xxxvii**, 940.  
**THURSTON, E. OWEN**: Bilateral tuberculous bursitis of hips, **xlvi**, 919.  
**Thymus gland**, carcinoma, treatment of, **xlvi**, 86; compression from, **xliv**, 760.  
 Treatment and cure of carcinoma by the use of (preliminary report on), **xlvi**, 643, **xlvi**, 506.  
**Thyreotomy**, for papilloma of larynx, **xii**, 363.  
**Thyrodermoid** tumor of coccyx, **xxii**, 502.  
**Thyroglossal dermoid**, **xxxvii**, 96.  
 Duct, case of, persistent, **xxv**, 711; cyst of, **xx**, 599; cysts of, **xl**, 603; persistent, **xxx**, 719.  
**Thyroid** (see also Goitre), aberrant, **xlix**, 56.  
 Adenoma of accessory, causing marked stenosis, **xl**, 590.  
 Artery, goitre, for, cases of ligation of, **xii**, 228.  
 Arteries, ligation of, in cases of goitre, **x**, 199.  
 Axis, aneurism of, traumatic, **xliii**, 932.  
 Body, chondro-osteoid sarcoma of, **iv**, 212.  
 Cartilage, carcinoma of, laryngectomy for, **xxi**, 59; fracture of, **xvii**, 715.  
 Cyst, **xxxiii**, 212.  
 Extract, fractured bones, use of, in delayed union of, **xxxiv**, 417; hemorrhage, use of, in control of, after operation on hæmophilic knee-joint, **xliv**, 666, 787.  
 Gland, affections of, **xliii**, 805; blood supply and preservation of parathyroid glandules in operation upon, **xlvi**, 489; cachexia following extirpation of, **viii**, 133; carcinoma of, **xi**, 282, **xliv**, 630; conditions consequent to extirpation of, **iii**, 165; cystic adenoma, anatomy of a case of, **xliii**, 327; enucleation of diseased portions of, in tumors of, **x**, 197; extirpations of, **xliv**, 758; extirpation of, in Basedow's disease, **xxiv**, 81; goitre, report of one thousand operations on, for, **xxiv**, 99; malignant tumors of, metastasis of, **xviii**, 577; removal of, under cocaine anæsthesia, **xxv**, 720; sarcoma of, **xxvi**, 498. **xlvi**, 829; scirrhus of, **xi**, 120; sheep and lambs, disturbances in the growth of young, after extirpation of, **xviii**, 571; tissue, at base of tongue, **xx**, 77; transplantations, technic of, **xlvi**, 777; tumors of, enucleation of, **xxviii**, 737; inflammatory, **xxv**, 651; treatment of, in the clinic of Czerny, **xxxi**, 122; treatment of, in the clinic of Mikulicz, **xxxi**, 660.  
 Intracapsular extirpation of cysts of, **iv**, 174.  
 Intraglandular enucleation of, **v**, 535.  
 Ligation of the, vessels in certain cases of hyperthyroidism, **i**, 1018.  
 Medication, for fractures with delayed union, **xxxi**, 695, 742.  
 Papillary cylindro-cellular adenoma of, **iv**, 274.  
 Paralysis of laryngeal muscles after extirpation, **ii**, 504.  
 Parathyroid, and, glands, review of Richardson on, **xlii**, 967.

- Scirrhus of, **x**, 200.  
 Serum, use of, in the treatment of exophthalmic goitre, **xlvi**, 789.  
 Tissue, transplantation of, into spleen, **xliv**, 768.  
 Tongue, of the base of the, accessory, **xxvii**, 244.  
 Tumors, intraglandular enucleation of, **v**, 535; present state of treatment of, **i**, 351; retrosternal accessory, **xli**, 661; suppurating treatment by incision and drainage, **xxix**, 632; symptoms and operative treatment of, **xxx**, 564.  
 Review of Book: Thyroid and Parathyroid Glands, by Richardson, **xlvi**, 967.  
**Thyroid metastasis**, physiological function assumed by, **xx**, 594.  
 Question, **xx**, 426.  
 Tumor, metastasis of, bony, **xx**, 600.  
**Thyroidectomy**, **v**, 1; **xvii**, 207; **xxv**, 92, 624; acute myxœdema following, **v**, 68; complete, **xlvi**, 815; exophthalmic goitre, for, **xxii**, 792, **xlvi**, 33, **xxxviii**, 161; tetany following, cured by the subcutaneous injection of parathyroid emulsion, **xlvi**, 161; thyroid abscess, for, **xx**, 406; thyroid gland, for fibrosis of, **xxi**, 565; troubles consecutive to, **v**, 345.  
**Thyroidism**, its significance and relation to goitre, **i**, 1317.  
**Thyroiditis**, metapneumonic, **xxix**, 777.  
**Thyrolingual duct**, persistent, **xxxvii**, 56, 271.  
**Thyrotomy**, carcinoma of larynx, for, **ix**, 345; for epithelioma of larynx, **vi**, 254.  
**Tibia**, compound fracture of, **iii**, 101, 263.  
 Compound separation of lower epiphysis of, **v**, 170.  
 Compression fractures of upper end of, **v**, 439.  
 Congenital dislocation of, treated by arthrotomy, **xxxiv**, 286.  
 Defects of, remedied by skin-bone flaps, **xxvii**, 250.  
 Epiphyseal beak of the, symmetrical inflammation of, **xli**, 278.  
 Excision of the, **xlvi**, 298.  
 Fibula, and, operation for badly united fracture of, **ii**, 63; into, transfer of, **xli**, 249.  
 Fracture of anterior tuberosity of, **viii**, 227; fixation by screw and plate, **xlvi**, 774; intra-uterine, **xxii**, 777; longitudinal, of the lower end of, **xxv**, 763; sarcomatous, followed by bony union, spontaneous, **viii**, 319; of the tuberosity of, **xi**, 154; ununited, of, **xxxiv**, 431.  
 Head of, fracture of, **xlvi**, 613; posterior dislocation of, **xxxvii**, 87.  
 Hypertrophy of, **xix**, 615.  
 Necrosis from osteomyelitis, restoration of, after, **xxx**, 486.  
 Osteitis of, **xxix**, 268.  
 Osteoma of, **xxv**, 764.  
 Osteomyelitis of, **xxxvi**, 441; osteoplasty as a means to prevent shortening of the leg after, **xlvi**, 425.  
 Osteoplastic substitute for defect of, **xxii**, 510.  
 Partial loss of, replaced by transfer of fibula, with maintenance of both malleoli of the ankle, **xlvi**, 628.  
 Resection of entire, **vi**, 43.  
 Sarcoma, myelogenous, operative treatment of a large, **xviii**, 584.  
 Semilunar cartilages, and, compensatory knee-joint between, **xli**, 283.  
 Spine of the, avulsion of, **xlvi**, 169.  
 Tubercular osteomyelitis of, **xxxix**, 277.  
 Tubercle, fracture of, **xl**, 739.  
**Tibiotarsal joint**, tuberculosis of, **xlvi**, 810.  
**Tic douloureux** (see also Trifacial Nerve), intracranial neurotomy, interposition of rubber tissue after, **xlvi**, 961; rubber tissue, subdural interposition of, in operations for, **xxxvii**, 1.  
**TIFFANY, L. McLANE**: Free Division of capsule of the kidney for relief of nephralgia,



- x, 104; intracranial operations for the cure of neuralgia, **xxiv**, 575, 736; cases of neurectomy, **xxi**, 510; neurectomy and removal of Gas-serian ganglion, **xix**, 47; primary sarcoma of thyroid gland, **xxvi**, 498; technic of intracranial surgery, **xxvi**, 307.
- TILLMAN, H.:** Etiology and histogenesis of carcinoma, **xxiii**, 234; partial resection of cæcum, for gangrenous typhilitis, **xv**, 483.
- TILTON, BENJAMIN T.:** Acute diffuse suppurative peritonitis, **xliv**, 297; combined transverse and longitudinal incision in laparotomy, **xl**, 260; considerations regarding wounds of liver, **xli**, 20, 139, 142; extradural hemorrhage, **xlvi**, 470; excision of carcinoma of the parotid, **xl**, 257; excision of carcinoma of and portion of rectum, **xlvi**, 272, 277; gastro-enterostomy, **xlvi**, 136; gonorrhœal peritonitis, **xxxvii**, 619; interscapulothoracic amputation for sarcoma, **xlvi**, 785; intussusception of small intestine, **xlvi**, 474; multiple keloids, **xxxiv**, 706; operative treatment of acute abscess of lung, **xlvi**, 405, 474; of diseases of pancreas, **xxxvi**, 59; perforated gastric ulcer, **xxxvii**, 617; perforating ulcer of the stomach, **xlvi**, 772; perineal prostatectomy, **xxxvi**, 263; remarks on appendicitis, **xl**, 764; resection of sigmoid flexure in strangulated hernia, **xxxvi**, 264; rupture of liver, **xli**, 956; resection of intestine for strangulation by band, **xxxvii**, 946; rupture of pancreas, **xxxvii**, 108; rupture of spleen, **xlvi**, 466; subcutaneous rupture of popliteal artery and vein, **xlvi**, 142; sarcoma of ovary, **xli**, 946; traumatism of abdomen resulting in necrosis of intestine, **xli**, 137; treatment of tuberculosis of testicle, **xli**, 780.
- Toe**, dislocations of, **xxxiii**, 643.
- Gangrene** of, senile, amputation at lower third of thigh, **xvi**, 174; osteotomy for hammer, **viii**, 460.
- Stiffness and tenderness** of metacarpophalangeal joint of the great, **vi**, 218.
- Substituted** for amputated finger, **xxxiv**, 447.
- Toe-nail**, ingrowing, **vi**, 48; new operation for, **i**, 936; treatment of ingrowing, with tannin, **v**, 75.
- Tongue** (see Glossitis), acute inflammations of, **iii**, 76.
- Anæsthesia**, general, management of, during, **xxviii**, 282.
- Angioma** of, congenital, **xxxiii**, 659.
- Artificial**, **x**, 194.
- Carcinoma** of, **x**, 270; **xi**, 119; **xxiv**, 682; **xxx**, 652; **xxxv**, 270; **xlvi**, 318; extirpation of, for, **v**, 539, **xxxiii**, 193, **xxxi**, 242; functional results after extensive removals, **xliv**, 756; inoperable, of the, treated by excision of the external carotid artery, **xxxiv**, 567; mouth and, **xlvi**, 481; operative treatment of, **xxii**, 445; results after excision of, **xxix**, 359; operations for, **xxviii**, 766.
- Chancre** of, **iv**, 86, **xxii**, 353.
- Congenital fistula** in, **xlvi**, 715.
- Cyst** of, **xxvii**, 602.
- Epithelioma** of, **i**, 280, **xxxix**, 814; **xlvi**, 615.
- Excision** of, for epithelioma, **xlvi**, 436; excision of half of the lower jaw and half of the, **xlvi**, 305; non-recurrence after excision, **xx**, 71; with preliminary ligation of external carotid artery, **xlvi**, 862; after ligation of lingual artery, **ii**, 359, **xxxvi**, 15; after-treatment of, **xx**, 231; under anæsthesia produced by sequestration anæmia, **xlvi**, 124.
- Foramen cæcum**, tumor at, **xx**, 77.
- Hemorrhage** from abscess of, **v**, 64.
- Method** of using the, in supplying a defect of the cheek, **xlvi**, 573.

- Mouth, and, angioma of, **xxxii**, 129.
- Mucous cyst of dorsum of, **ix**, 455.
- Neoplasms of, operations for, **xl**, 553, 630.
- Neuralgia of, relieved by stretching lingual nerve, **xxiii**, 48.
- Neurofibromatosis of, **xxxvii**, 321.
- Origin of ranula from the Bochdalek gland tubes of, **v**, 144.
- Psoriasis of, treatment by decortication, **xxix**, 577.
- Rhythmic traction of the, in asphyxia, **xix**, 719.
- Sarcoma of, **xxiii**, 588, **xxxix**, 956; excision of, for, **xxxvii**, 273; late results of removal of, **xii**, 271; non-recurrence after excision, **xx**, 72.
- Surgery of, **xvi**, 97.
- Total extirpation of, by Kocher's method, **iii**, 523.
- Tuberculosis of, in an old man, resembling carcinoma, **xxxvii**, 53.
- Tumors of, fatty, **xxv**, 201; of, and lips, malignant, etiology and diagnosis of, **x**, 249; non-malignant, **x**, 268.
- Ulcer, tuberculous, for, excision of, **viii**, 368.
- Review of Book: Cancer of the Mouth and Tongue, by Yes-set, **v**, 90; Results of Operations for Cancer of the Tongue, by Butlin, **xxviii**, 766.
- Tonsil**, or **tonsils**, carcinoma of, primary, **xii**, 438.
- Enucleation of the, **i**, 797.
- Finger-enucleation of, **xlvi**, 883.
- Galvano-cautery in the surgery of, **xxvi**, 103.
- Hemorrhage after excision of, **vi**, 148.
- Hypertrophy of, treated by galvano-cautery puncture, **xiv**, 416.
- Ignipuncture in hypertrophy of, **i**, 280.
- Lateral pharyngotomy for removal of tumors of, **vi**, 502.
- Malignant disease of, **xv**, 476, **xxxiii**, 280.
- Palate, and epithelioma of, **xxxvi**, 259.
- Sarcoma of, **x**, 388; report of removal of, **xxvi**, 107.
- Surgery of, **xxvi**, 130.
- Tonsillar** hemorrhage and its surgical treatment, **xlvi**, 821.
- Tonsillary** abscess, **iv**, 336.
- Region, lateral pharyngotomy for extirpation of malignant tumors of, **iv**, 139.
- Tonsillitis**, cocaine in, **viii**, 305.
- Tonsillotomy**, **ix**, 456; hemorrhage after, ligation of external carotid artery for, **xxxiv**, 21.
- TOREK, FRANZ**: Combined operation for the removal of the appendix and the cure of right inguinal hernia, **xl**, 665.
- TORRANCE, GASTON**: Arteriovenous anastomosis, **xlvi**, 333; epiploexy in cirrhosis of the liver with ascites, **xxxv**, 303; excision of the whole left lobe of the liver for sarcoma, **xlvi**, 33; perforating wound of the knee-joint, **xl**, 402; splenectomy in Banti's disease, with report of a case, **xlvi**, 41; suture of brachial artery, **xl**, 107.
- TORREY, P. G.**: Intravenous infusion of twelve pints of normal saline solution for hemorrhage, **xl**, 155.
- Torsion** fractures of the leg, **xxxiii**, 93.
- Growth of animals, in, **iv**, 81.
- Omentum, of entire great, **xl**, 916.
- Pedicle, of ovarian tumors, of, **xix**, 440.
- Rectal incontinence, for the cure of, **xix**, 612.
- Torticollis**, **xxxiii**, 793.
- Congenital, **xl**, 123.
- Muscular, **xxvi**, 383.
- Operation for, **x**, 196.
- Spasmodic, **vi**, 64; operative treatment of, **xxi**, 356, **xxxii**, 732, **xxxiii**, 509; resection of nerves for, **xli**, 768; treatment of, **xxxiv**, 428.
- Spinal accessory nerve for, resection of, **xlvi**, 152.
- Surgical treatment of, **xxi**, 439.

- Traumatic, **xxxiii**, 627, 756, **xxxiv**, 299.
- Treatment of, **xxv**, 373.
- TOWNSEND, WISNER R.: Dislocations of the semilunar cartilages of knee-joint, **xxviii**, 528; excision of knee for flexure ankylosis, **xxxix**, 285.
- Toxicology and Jurisprudence, *Manual of Medical*, by Chapman (review of), **xxv**, 119.
- Toxins, mixed, successful in treatment of recurrence of sarcoma after interscapulothoracic amputation, **xlvi**, 807.
- Erysipelas and *Bacillus prodigiosus*, of, Hodgkin's disease treated with, **xlvi**, 127.
- Malignant tumors, in the treatment of, **xxvi**, 275.
- Mixed, sarcoma treated by, **xlvi**, 610; in treatment of recurrent sarcoma, **xxii**, 263, 264, 265; and X-rays, in treatment of sarcoma, **xli**, 770.
- Skull, sarcoma of the, in the treatment of, **xxiii**, 177.
- Review of Book: Cellular Toxins, by Vaughan and Novy, **xxxvii**, 638.
- Trachea, congenital stenosis of, **v**, 70.
- Goitre, stenosis of, **i**, 281.
- Granulation stenosis of, after tracheotomy, **xii**, 224.
- Gunshot wound of, **ii**, 262.
- Papilloma of, **xl**, 1012, 1014.
- Stenosis of, **iii**, 499; due to adenoma of an accessory thyroid, **xl**, 590.
- Tracheal canula, laryngectomy, use of, after, **xlvi**, 962; ulceration of, innominate vein from pressure of, **xlvi**, 963.
- Tracheobronchoscopy, **xlvi**, 321.
- Tracheocele, **iv**, 235.
- Tracheotomy (see also Intubation), **i**, 152, 580.
- After-treatment in, **i**, 581.
- Air-passages, as preliminary to operations upon, **xxv**, 600, 742.
- Child aged one year, in a, **iv**, 336.
- Chloroform in, **xv**, 477.
- Cicatricial stenosis, followed by, **xiv**, 413.
- Congenital stenosis of trachea, for, **v**, 70.
- Diphtheria, for, **iii**, 78, 79, 523, **v**, 144; causes of difficulties in dispensing with the tube in some cases of, **vi**, 492; croup, and, in children, condition following, **viii**, 305.
- Diphtheritic croup, for, **xvi**, 391.
- Dyspnœa, for, due to jackstone in œsophagus, **xxii**, 109, 111; from mediastinal abscess, **ix**, 299.
- Exploratory, **iv**, 175.
- Extraordinary cases of, **iv**, 439.
- Granulation of trachea, followed by, **xii**, 224.
- Gunshot wound of trachea, in, **ii**, 262.
- Hemorrhage after, violent, **xv**, 324.
- Intubation of larynx and, **iv**, 523; and, for diphtheritic croup, relative merits of, **xvi**, 367, 532.
- Laryngeal stenosis of tuberculous origin, in, **i**, 144; typhoid fever, from, **iv**, 336.
- Laryngotomy, and intercricothyroidean, compared, **xii**, 227.
- Leipsic, in, **i**, 97.
- œdematous laryngitis, **v**, 64.
- Preliminary to laryngectomy, **xlix**, 865.
- Preventive, with tamponade of the pharynx, **xvi**, 390.
- Results of, **xvi**, 391.
- Three hundred and twenty-seven cases of, **vi**, 253.
- Trachea, complicated with calcification of, **xii**, 226; for stenosis of, from fibrosis of thyroid gland, **xxi**, 565.
- Tube in the right bronchus, removal of, **iv**, 72; silver, danger in prolonged use of of a, **viii**, 212; sixty days, worn for, **xviii**, 436.
- Review of Books: *Manual of Tracheotomy*, by Renault, **viii**, 75; *Tracheotomy in Laryngeal Diphtheria*, by Parker, **ii**, 522.
- Trachoma, conjunctivo plastics in chronic, **xii**, 439.

- Traction apparatus** for treating fractures of the femur and for various orthopædic operations, **xlix**, 107.
- Transactions of American Surgical Association** (review of), **ii**, 433, **v**, 459.
- Transactions, Medico-Chirurgical**, 2d series (review of), **xlix**, 188.
- Transactions N. Y. State Med. Assoc.** (review of), **ii**, 433.
- Transactions of the New York Surgical Society** (review of), **xxvi**, 117, 225, 240, 357, 361, 507, 707.
- Transduodenal route**, gall-stones, removal of, by, **xxxvi**, 927.
- Transfusion and arterial anastomosis**, **xlvi**, 486; further observation on—with a note on hæmolysis, **i**, 348.
- Blood, of, technic of direct, **xlvi**, 329, **xlix**, 320; modified tube for direct, **xlix**, 115; preoperative, **xlix**, 140.
- Hæmophilia treated by, **xlvi**, 625.
- Infusion, and, **iv**, 331.
- Reinfusion of blood, and, **iii**, 226, 512.
- Review of Book: Transfusion and Reinfusion of Blood, by Heineke, **iii**, 182.
- Transmissibility** of carcinoma, **xii**, 351.
- Transplantation**, cornea, of, **ix**, 137.
- Eyes, of, **iv**, 172.
- Fresh pedunculated skin flaps, of, **vi**, 172.
- Large skin-flaps to fresh wounds, of, **ii**, 426.
- Mucous membrane, of, **ix**, 73.
- Rabbit's eye to human orbit, of, **ii**, 505.
- Skin, of, **iii**, 247; according to Thiersch, **ix**, 179, 290, 357.
- Skin-flap, of, over exposed tendons, **xxxi**, 366; of large, pedicle, **xviii**, 450.
- Transposed viscera**, case of, **xxix**, 593.
- Transuretero-ureteral anastomosis**, **xliv**, 687.
- Transverse incision**, knee-joint, for drainage of, **xl**, 409.
- Transvesical cauterization** as a substitute for the Bottini operation, **xxv**, 836.
- Trauma**, operation for non-penetrating intracranial, question of, **xlvi**, 25.
- Traumatic asphyxia**, **xlix**, 751; simulated by stasis cyanosis of epilepsy, **xlix**, 762, 877.
- Epilepsy**, excision of diseased cortical tissue for, **xxv**, 91.
- Epithelial cysts**, **xlvi**, 190.
- Origin, tumors of, **xxxii**, 853.
- Ulcer, stomach, of, **xliv**, 956.
- Traumatism**, animals, inflicted by, **xxxi**, 431.
- Laparotomy for, **v**, 547.
- TRENDELENBURG, DR. F.**: Extirpation of prostate, **xlvi**, 945; treatment of ectopia vesicæ, **xliv**, 281.
- Trendelenburg posture**, dangers of, **xxxviii**, 897; in operations on cavities of mouth, nose, and trachea, **xxvi**, 96; table, **xxi**, 292; value of the, for suprapubic cystotomy, **xxviii**, 249.
- Trepanation**, cerebral disease, for, **xv**, 467.
- Trephine button**, bone, of, reimplantation of, **viii**, 155, 266.
- Note on construction of, **ii**, 65.
- Openings in the skull, closed by gold-foil, **xxv**, 636.
- Osteoplastic, a new, **xxxvii**, 772.
- Skull, for osteoplastic resection of the, new, **xxxvi**, 76, 152.
- Trepining** (see also Brain, Cranium, Skull), **ii**, 502, **xl**, 113, 115, 350.
- Abscess of brain, for, **xix**, 542.
- Aphasia and cerebral abscess, for cure of, **xii**, 216; following injury to skull, for, **xxx**, 325; motor, for, **xxxvi**, 82.
- Brain, for abscesses of, **viii**, 241, 261, 283, **xxvi**, 240; tumors, for relief of pressure from, **xix**, 685, **xxxii**, 855; value of, as a palliative measure in tumors of, **xlv**, 543.
- Cases of, **x**, 267.
- Cerebrum, for fibroma and cysts of, **xxxvii**, 276.
- Cervical vertebræ, of, exploratory, **iii**, 490.
- Cortical, followed by brain

- abscess, **xxx**, 326; sclerosis, for, **xxxvii**, 274.
- Cranial defects, for, **xiii**, 454.
- Curative effect of, *per se*, **xxxv**, 618.
- Egg-membrane in, use of, **xxviii**, 455.
- Epilepsy, for, **xiv**, 406, 407, 408, 409, **xvii**, 91, **xix**, 544, 616, **xxiv**, 122, **xxvi**, 228, 234, **xxx**, 324, **xxxi**, 364, 497, **xlix**, 707; for focal, **xxv**, 209; from old fractures of the skull, **iv**, 71; Jacksonian, **xvi**, 409, **xxxviii**, 898, **xxxix**, 607; for, results of, **xlii**, 937; for traumatic, **xviii**, 71, **xxi**, 316, **xxv**, 91, 737, **xxvii**, 670, **xxviii**, 131, **xxxviii**, 783; hemorrhage from, fatal, **xxxviii**, 487; after fracture of the base of the skull, for, **xviii**, 465; for subdural, **xix**, 540, **xxii**, 798.
- Ilium for draining pelvic abscesses, **iv**, 351.
- Intracerebral cyst, for, **xxvii**, 770.
- Intrameningeal hæmatoma, **vi**, 251.
- Lever and fulcrum for, **xxv**, 763.
- Mastoid process, new method of, **ix**, 371.
- Middle meningeal hemorrhage, for, 232, 512.
- Paralysis of uncertain origin, for, **xiv**, 404.
- Resection, temporary, of the cranial wall as a substitute for, **xi**, 221.
- Rubber tissue, with subdural implantation of, **xxv**, 95.
- Skull, in fractures of the base of the, **xxix**, 354; results of, for fractures of, **xxxiii**, 323; traumatic lesions of, for, **ix**, 370.
- Transplantation, subdural, of rubber tissue following, **xxii**, 385.
- Traumatic aphasia followed by hemiplegia, for, **iv**, 169.
- Ventricle, for hydatid cyst of, **xiv**, 402.
- Reviews of Books: Antiseptic Practice and Trephining, by Seydel, **vi**, 287; Lever and Fulcrum for Trephining, by Hopkins, **xxv**, 763; L'opéra-
- tion du trépan, Ferrier et Péraire, **xxiii**, 496; Trephining in its Ancient and Modern Aspects, by Horne, **xx**, 124.
- TREVES, FREDERICK: Method of treating compound fracture, **xvii**, 140; reunion of colon by simple suture, after excision, **xviii**, 83; treatment of tuberculous peritonitis, **xix**, 619.
- Trichinous infection of a carcinoma of the lip, **xlvi**, 332.
- Trifacial nerve, foramen ovale, resection of third branch at, **xi**, 116, 118; neuralgia, excision of second branch of, for, **xxiv**, 501; relieved by intracranial neurectomy, **xvii**, 511; neuralgic affections of, pathology and treatment of, **xvii**, 711; third branch of, reached at foramen ovale by retrobulbar method, **xvii**, 613.
- Neuralgia, Gasserian ganglion for, excision of, **xxxiii**, 683; intracranial neurectomy for, **xxi**, 296, 510, **xxxv**, 404; and interposition of rubber tissue for relief of, **xlvi**, 661; surgical treatment of, **xlvi**, 649.
- Pathology of, **xxxiii**, 696.
- Trigeminal nerve, intracranial resection of, **xxiii**, 58, 69, 119; operation for exposing third branch in the zygomatic fossa, **xv**, 317; neurectomy, neuralgia of, for, **xv**, 386.
- Resections, intracranial, results of, **xxiv**, 92, 575, 736.
- Trigeminus, cranial cavity, resection within the, **xvi**, 384.
- Trigger finger, case of, **xxxvi**, 588; mechanism of, **iv**, 444.
- Trigonal pouch, vesical calculus, in the surgery of, **xv**, 73.
- Trocar, self-retaining, **xliii**, 913.
- Trochanter, epiphyseal separation of great, **xliii**, 754; isolated, **xlvi**, 292.
- Trough-suspender-forearm sling, **xlvi**, 274.
- Truss, hernia, inguinal, worsted, in, **xxxiv**, 523.
- Tubal pregnancy, **vi**, 95, **ix**, 151, **xxxv**, 430; appendicitis, complicated by, **xxxi**, 254; causing intestinal obstruction,



- xlix**, 271; intraligamentous, **ix**, 472; rupture, hemorrhage, laparotomy, recovery, **xvii**, 210.
- TUBBY**, A. H.: Antiseptic methods and other points in the practice of Volkmann, **viii**, 291; metatarsalgia, **xxviii**, 297; traumatic separation of epiphysis of the lower extremity, **xix**, 289.
- Tube** (see Salpingitis, Tubal), cesophageal, for use during narcosis, **xliii**, 928; removal of Fallopian, **vi**, 41.
- Tubercle bacillus**, experimental researches upon the products of, **xx**, 556.
- Tubercular abscesses**, multiple, **xl**, 602; spinal and other, treatment of, **xvi**, 90; treatment of, **xxii**, 104, 122.
- Arthritis, synovial membrane, with fibro-plastic and fatty hyperplasia of, **xvii**, 109.
- Cervical lymph-nodes, technic of early operation for the removal of, **xlvi**, 169.
- Diseases of acetabulum, operative dislocation of the head of the femur in, **xxvi**, 579; of knee-joint, **ii**, 514.
- Kidney, **ii**, 86.
- Peritonitis, **xvii**, 462, **xlvi**, 95, 141, 145, **xlix**, 265; gall-bladder, with distention of, **xliii**, 790; infants, of, laparotomy, **xvi**, 394; laparotomy upon, effect of, **xxiii**, 120; operative treatment of, **x**, 134; surgical treatment of, **xiii**, 146.
- Stenosis and rupture of thoracic duct, **ii**, 418.
- Strictures, intestines, of, **xxvi**, 393.
- Tubercularization** of wounds, **iii**, 156.
- Tuberculins**, tuberculo-opsonic index, and, **xlvi**, 597.
- Tuberculo-opsonic index**, **xlvi**, 644.
- Tuberculosis**, **xv**, 49.
- Abdominal muscle, of, **xxxii**, 734.
- Amputation of forearm after inoculation, **iv**, 424; for joint disease in coexisting lung, **v**, 101.
- Antitubercular action of iodoform in, **vi**, 445.
- Appendix vermiformis, of, **xxxiv**, 790.
- Bacteriology of, **iv**, 57.
- Bladder, of, **xi**, 290, **xlvi**, 249, 388, 597, **xlix**, 785; permanent suprapubic drainage for, **xxxvi**, 426; relative value of operative and hygienic measures in, **xxii**, 205, 512; of operative and hygienic measures in, **xxii**, 205, 512; treated by permanent suprapubic drainage, **xxxiii**, 331; urinary, suprapubic cystotomy for, **xv**, 397.
- Bone, of, **xi**, 70, 73, **xvi**, 284, **xxxv**, 287; closure of sinuses and abscesses complicating, **xxviii**, 516; experimental production of typical, **iv**, 79; Billroth's operative treatment, **xvi**, 582; comparison between conservative and operative treatment of, **xii**, 455; of, treatment in parenchymatous and intra-articular injections, **xv**, 1; joints, and, **xxii**, 412.
- Brain of, successful extirpation of, **xxiv**, 652.
- Breast, of, **xx**, 153, **xxv**, 86, **xxxii**, 604; **xlii**, 118; primary, **xxxvii**, 510.
- Cæcum, of, **xlvi**, 763; primary, of, **xlvi**, 635.
- Carpus, of, **xxxiii**, 58.
- Castration for, double, **xlvi**, 292.
- Cervical lymph-nodes, of, removal of, **xxix**, 355; surgical treatment of, **xlii**, 49.
- Cinnamic acid, treated by, **xix**, 102.
- Diagnosis of, **xxix**, 260.
- Elbow, of, **xviii**, 108; arthroplasty, **xlvi**, 617; resection for, **xxxiv**, 431, **xxxvi**, 787, **xlvi**, 457.
- Epididymis and testicle, surgical treatment of, **xlix**, 800.
- Exsection of knee joint for, **vi**, 318.
- Femoral, of, inguinal, and lymph-nodes secondary to foot wounds, **xxxvii**, 746, 782.
- Femur, of, hip-joint amputa-

- tion, **xxxvii**, 456; hip-joint ex-articulation for, **xxxv**, 813.
- Foot, of, **xxvi**, 518; of the bones and joints of, **xxxii**, 859.
- Genitals, of, **xxxiv**, 601; male, of, **xxxvii**, 152; tract, of, **xxxii**, 606.
- Genito-urinary tract, of, **i**, 369; male, **xx**, 396.
- Glands and importance of early operations, of, **ii**, 71.
- Herniæ, of, **xvii**, 101, **xxv**, 377.
- Herniosa, **xxxiv**, 787.
- Hip-joint, of, **xvi**, 479; **xviii**, 110; of the, results of conservative treatment of, **xx**, 582; knee-joints, and, in children, of, operative treatment of, **xv**, 146.
- Ileocæcal region, of, resection of, **xxxix**, 1010; value, of, **xxxiv**, 205.
- Ileum, of, resection, **xxxv**, 806.
- Intestine, of, **xviii**, 579, **xxxvii**, 106; resection of, **xxi**, 119.
- Intrathoracic, surgery of, **xxiv**, 541.
- Joints of, **xi**, 153; bursæ, and tendon sheaths, formation of rice bodies in, **xxv**, 787; resection for, **xxiii**, 181, 188; treatment of, in the Breslau clinic, **xxix**, 393; value of resection in, **xxviii**, 256.
- Kidney, of, **xxiv**, 496, **li**, 120; bladder, and, of, **xxvii**, 368; cases of, at the Roosevelt Hospital, **xxix**, 226; incision for, **xxvi**, 239; nephrectomy for, **viii**, 226, **xxix**, 609, **xxxi**, 749, **xxxiii**, 478, **xxxv**, 638, **xxxvii**, 605; operative treatment of, **xii**, 377; results of operations for, **xxxvi**, 515, **xlvi**, 1022, 1024, 1054; results of surgical treatment of, **xxxii**, 461; specimens, **xxix**, 496; surgical treatment of, **xxxvi**, 310; ureter, and, nephrectomy for, of, **xlvi**, 144.
- Knee in an adult, of, excision of, **xxviii**, 646; final results of, **xix**, 503; results of resection in adults, **xiii**, 120; treated by resection, **xxxix**, 131.
- Knee-joint, question of operation in, **iii**, 176; resection, **xl**, 125.
- Lesions of, new method of treating, **ix**, 353.
- Lime treatment of localized, **viii**, 226.
- Liver, of, excision of, **xxxix**, 98.
- Localized, the immediate and remote results of operation for, **xi**, 239.
- Long bones, of the diaphysis of, **xxxi**, 128.
- Lupus vulgaris and, **iv**, 514.
- Lymphatic glands, superficial, of, **xxiv**, 669.
- Lymph-nodes, of the cervical, **xxix**, 559, 613; retroperitoneal, **xxxvi**, 273.
- Lymph-vessels of the extremities, of, **xxvi**, 731.
- Mammary gland (see Breast), of, **iv**, 159; gland, of, **xxviii**, 685.
- Meninges and brain, of the, surgical intervention, **xlili**, 161.
- Nephrectomy for, **xlvi**, 448; under spinal cocainization, **xxxiv**, 434.
- Olecranon bursa, of, **xlvi**, 118.
- Paris congress on, **x**, 67.
- Parotid gland, of, primary, **xxxvi**, 945.
- Pelvis, of, **xxiv**, 374.
- Peritoneal, **xlvi**, 95; surgery of, **xlvi**, 145.
- Peritoneum, of, **xi**, 125, 131, **xxv**, 737, **xxxiii**, 208; cured by laparotomy, of, **xvii**, 618; incision, by, treatment of, **vi**, 71; palliative incision for, **vi**, 504; pathology, and diagnosis of, **xxxiv**, 765; pleura, and of, cured by operation, **xxviii**, 255; pseudo-, **xlili**, 359; treatment of, **xix**, 619; woman, in, **xlvi**, 755.
- Prostate, of, **xviii**, 587.
- Pulmonary, improved by excision of hip, **iv**, 450.
- Renal (see Kidney), a contribution to the diagnosis of, **xlvi**, 10; nephrectomy for, **xxix**, 611, 754, **xliv**, 625; remote results after operations for, **xxvii**, 14, 84; very early form of, revealed by nephrectomy, **i**, 879.

- Resection of ileocaecal coil for, **xl**, 783.
- Retroperitoneal glands, of, **xxxvii**, 620.
- Sacro-iliac joint of, **viii**, 407, **ix**, 35, 115.
- Sclerogenic, Lannelongue's method in, results of, **xxvii**, 251.
- Scrotum, of, primary, **v**, 430.
- Seminal vesicles, extirpation of, **xi**, 383; testis, and, **xxxiv**, 306.
- Sequestra, with large clicking, **xxii**, 807.
- Skin, of the, caused by vaccination, **xi**, 470; due to direct injection, localized, **viii**, 478.
- Spine, of, **xlii**, 514.
- Suprapubic cystotomy for cystitis from, **ix**, 314.
- Surgical, **iv**, 159, **xiv**, 296; observations in its treatment by congestive hyperaemia, **xx**, 479, 480; procedures designed for the relief of pulmonary, **i**, 441; results of Lannelongue's sclerogenic method in, **xxvii**, 251; standpoint from the, **i**, 273; treated by boiling water, **xviii**, 234; by exhaust dry cupping, **xliv**, 734; by formalin-glycerin injections, **xxx**, 747; by hot water, **xxii**, 521.
- Synovial, **iv**, 265, 427.
- Tendons, of, **xviii**, 384.
- Tendon-sheaths, of, **xxxiv**, 577.
- Testicle, of, **x**, 169, **xli**, 745, 778, 780, **xl**, 918; castration for, **vi**, 54; primary, **ix**, 387; epididymis, and, resection of, **xxx**, 649.
- Testis, of, **xxxiv**, 574, **xxxvi**, 309, **xlvi**, 290.
- Thigh, of, complicating sarcoma, **xlii**, 311.
- Thorax-wall, pleura, and lung, of, treated by resection, **xii**, 366.
- Thyroid gland, of, **xviii**, 468.
- Tibia, of, **xxxix**, 277.
- Tibiotarsal joint, of, **xlvi**, 810.
- Tongue, excision of, followed by acute miliary, **viii**, 368; in an old man, **xxxvii**, 53.
- Treatment of, **xxxiv**, 771, 839.
- Typhoid bacillus, intracranial, abscess due to, **xlvi**, 4.
- Urinary tract, of the female, **xxxviii**, 524.
- Uterus and Fallopian tubes, of, **xxxviii**, 468.
- Vas deferens and seminal vesical, of, **xxxii**, 567.
- Vertebra, of cervical, and by trephining, **xxxii**, 607.
- Vertebral laminae and spines, primary, of, **xix**, 597.
- Wounds, treatment of, after operations for localized, **xxxv**, 534.
- Wrist, of, **xxvi**, 517; resection for, **vi**, 52; tendon sheaths of, **xxxvi**, 134.
- Wrist-joint, of the, Bier's method for, **xxxviii**, 106; iodoform treatment of, **xxix**, 394; relation of the os magnum to, **xxxii**, 278.
- Reviews of Books: Abdominal Tuberculosis, by Maylard, **xlix**, 582; *Behandlung der tuberkulösen Wirbelsäulen-entzündung*, by F. Calot, **xlvi**, 963; Tuberculosis of the Bones and Joints, by Koenig, **i**, 284; Tuberculosis of the Bones and Joints, by M. Senn, **xvii**, 114; Tuberculosis of the Testis, **vii**, 477; Tuberculosis of the Vertebrae, by Calot, **xlvi**, 963.
- Tuberculous** abscesses, iodoform, treated by, **x**, 146.
- Bursitis, hips, of the, bilateral, **xlvi**, 919.
- Diseases, bones and joints, of the, complicated by suppuration, management of, **xvii**, 423, 498; excision of bones of tarsus for, **iv**, 293.
- Epididymitis, **xvii**, 430.
- Glands, of neck, subcutaneous excision of, **xxxviii**, 901.
- Hip-joints, Poore's contributions to the statistics of operations upon, **xv**, 454.
- Joints, congestion, passive, in the treatment of, **xvii**, 495; -abscesses, iodoform injections, treated by, **xii**, 271, 450; disease, **iv**, 144.
- Knee-joint disease, **iv**, 427.
- Ostitis of the flat bones of cranium, **iii**, 413.

- Peritonitis, intestinal, treatment of, **xxx**, 253.
- Septic conditions and, of the kidney, diagnosis and prognosis of, **xlvi**, 88.
- Strictures, bowels, of the, and their treatment, **xvii**, 98.
- Surgical affections, **i**, 233, 466, **ii**, 310.
- Synovitis of tendinous sheaths of wrist and hand, **iv**, 444.
- Tendo-vaginitis, **i**, 564.
- Treatment of joint-disease, **i**, 488.
- Vesicovaginal fistula, **xii**, 316.
- Tuberosity of humerus**, fracture, nailed into place after, **xl**, 938, 968.
- Tubingen clinic**, three hundred operations for goitre, in the, **xxv**, 374.
- TUFFIER**: Cystorrhaphy for cystocele, **xv**, 497.
- Tumor** (see also Adenoid, Adenoma, Aneurism, Angioma, Atheroma, Bursa, Cancer, Carcinoma, Chondroma, Cerebral Compression, Cyst, Enchondroma, Exostoses, Epithelioma, Fibroid, Fibroma, Fibrosarcoma, Glands, Goitre, Gumma, Hernia, Hydatid, Hydrocele, Leukoma, Lipoma, Malignant, Myoma, Neuroma, Ovary, Ovarian, Osteoma, Pancreas, Pyosalpinx, Sarcoma, Thyroid, Tracheocele), abdominal, rapid growth of myxosarcomatous, **iv**, 448, 458, 459; abdominal suppurating, laparotomy for, **vi**, 41.
- Anterior part of neck, of, aërial, **iv**, 431.
- Arsenical treatment of malignant, **iv**, 271.
- Bacteria in, **x**, 217.
- Bladder, urinary, of, **iv**, 208, **viii**, 479; partial resection of, for, **ii**, 426; removal of, **ii**, 83.
- Brain, of, **iv**, 499; condition of, in, **iv**, 510; diagnosis and operation for, of, **viii**, 261, 286; extirpation of extensive, **xvi**, 378; removal of, **iii**, 416, **iv**, 171, 499; trephining for, **v**, 506, **ix**, 161.
- Branchial cleft, of, **viii**, 130.
- Breast, of, **ix**, 376, 457.
- Carbonate of lime for arresting growth of cancerous, **vi**, 249.
- Carcinoma and, formation, review of Williams on, **viii**, 238.
- Cavernous, **iii**, 516.
- Cerebral, removal of, **xi**, 113.
- Cerebrum, of, fresh points in the operative treatment of, **xix**, 724.
- Cervix uteri, of, fibroid, **iii**, 361, 443.
- Chest, of the, resection of thoracic wall for large, **ii**, 413.
- Classification of, new, **vi**, 232.
- Clinical groups of, **iv**, 356.
- Coccygeal, **viii**, 479.
- Congenital of childhood, **xxx**, 600.
- Contributions to the pathology of, **iii**, 95.
- Cranium, of, communicating with superior longitudinal sinus, blood-, **v**, 355.
- Cured by operative treatment, **iii**, 438.
- Cystic, of jaw, **ii**, 343; of popliteal space, **i**, 483.
- Early diagnosis of, **x**, 387.
- Endocranial myelogenous, of the skull, **xviii**, 572.
- Erysipelas, curative effect of, upon, **x**, 146.
- Etiology of, **xxvii**, 401; of malignant, **ii**, 450.
- Exploratory incision in abdominal, **ii**, 418.
- Fauces, of, malignant, **iv**, 388.
- Fibro- or spindle-celled sarcomatous, **iv**, 547.
- Fibroid of the uterus, **xvi**, 74.
- Fibrous, peculiar form of, **i**, 423.
- Groin, of the, congenital, **xl**, 718; glandular, **v**, 11.
- Head, of, **iv**, 68.
- Inoperable malignant, treatment of, by bacterial products, **xxiii**, 111.
- Kidney, of, retro- and intra-peritoneal incision for, **iv**, 445.
- Knee-joint, of, fatty and sarcomatous, **iv**, 359.
- Lower jaw, removal of cystic, **vi**, 126.

- Malignant, etiology and diagnosis of, **x**, 249.  
 Median nerve, of the, **xxxii**, 609.  
 Nasopharyngeal, removal of, **ix**, 374.  
 Neck, of, **v**, 68; congenital, **xvi**, 271.  
 Nose, of, bony, **v**, 502.  
 Pancreas, **v**, 339.  
 Parotid, of the, **xxxi**, 732.  
 Pathology of, **ii**, 340, **iv**, 272.  
 Recent contributions on, **vi**, 409.  
 Retroperitoneal, **v**, 258.  
 Rôle of parasites in the development of certain, **iv**, 352.  
 Scarpa's triangle, of, extirpation of, **iv**, 274.  
 Stomach, of the, ball-valve, **xliv**, 130.  
 Syphilitic metatarsophalangeal, **viii**, 65.  
 Temporal region, of the, aneurismal, **ii**, 251.  
 Tonsillar region, of the, lateral pharyngotomy for extirpation of malignant, **iv**, 139, **vi**, 502.  
 Traumatic origin of, **xxii**, 129, **xxxii**, 853.  
 Typhoid fever, periostitis during and after, **ii**, 345.  
 Upper jaw, of, malignant, **vi**, 471.  
 Uterus, of, myofibromatous, **iv**, 305; pelvic abscess simulating soft fibroid, **iv**, 455.  
 Reviews of Books: Abdominal Tumors, by Spencer Wells, **ii**, 274; Cases of Abdominal Cystic Tumor in the Male, by W. Joseph Hearn, **xxv**, 703, 759; Innocent and Malignant Tumors, by Bland-Sutton, **xx**, 120, **xxxv**, 113, **xliv**, 480; Microscopical Diagnosis of Malignant Tumors, by Hansemann, **xxvi**, 149; Observations on Ovarian Tumors, by A. Doran, **i**, 187; Origin of Tumors, by Ribbert, **xxiii**, 75; Pathology and Surgical Treatment of Tumors, by Senn, **xxiii**, 246; Recent Contributions on the Subject of Tumors, by Koplik, **ix**, 476; Treatise on Tumors, by J. Bland-Sutton, **xxxviii**, 932; Tumeurs malignes primitive de l'intestin grêle, by Le Ceve, **xli**, 155; Uterine Tumors, by Guss-erow, **iii**, 185.  
**Tunica vaginalis** (see Hydrocele), chylocele of, **viii**, 321; large accumulation of fat in, **iii**, 365.  
 Fibromata of, **xxxix**, 396.  
 Hydrocele, as a remedy for, eversion of the, **xxxiii**, 305.  
**TUNIS, JOSEPH P.**: Rhinoplasty, case of, **xxv**, 187.  
**Turbinated** bones, cystopneumatic degeneration of middle, **xii**, 63; inferior ethmoidal, anatomy of, **xxxviii**, 233.  
 Body, cysts of the middle, bony, **xxxvi**, 109.  
**TURCK, FENTON B.**: Spasms of intestines, after their exposure by operations, **xxxiii**, 500.  
**TURCK, RAYMOND C.**: Hepatic-duct stones, **xxxvii**, 539; interlocking suture, **xlvi**, 837.  
**TURNER, THOMAS T.**: Fractures of the head and neck of the radius, **xlvi**, 280; ligation of both common carotid arteries, **xl**, 669; Ludwig's angina, **xlvi**, 161, 335, **xlvi**, 788.  
**TURNER, WILLIAM K.**: Ureteral anastomosis, **xxxiv**, 816.  
**Turnip-plates**, gastro-enterostomy by means of, **xvi**, 437.  
**Twine**, gastro- and entero-enterostomy, triangular stitch for, **xli**, 914.  
**Tympanites**, relief of, by posture, **xxiii**, 268.  
**Typhilitis** (see Appendicitis), **ix**, 96.  
 Non-appendical origin of, **xxvii**, 786.  
 Operation for relapsing, **viii**, 218.  
 Perforating, **xliv**, 425.  
 Primary, without appendicitis, **xliv**, 852, 963.  
 Relief of relapsing, by operation, **xviii**, 93.  
**Typhlotomy**, temporary, for relief of obstruction of large intestine, **xvii**, 753.



**Typhoid fever**, appendicitis, complicated by, **xlii**, 611.  
**Bacillus**, intracranial abscess due to, **xlvi**, 4; suppurative, due to, **xxxvi**, 455; tuberculosis, intracranial abscess, due to the, **xlvi**, 4.  
**Bones**, diseases of, in, **xix**, 748, **xxii**, 623; complicated by, **xxi**, 233.  
**Bowel**, perforation of, simulated by acute gangrenous appendicitis in, **xlii**, 738.  
**Cholecystitis**, complicated by, **xxxiii**, 68.  
**Ectopic pregnancy**, ruptured during, **xlvi**, 321.  
**Hip**, dislocation of, consecutive to, **xxiii**, 212.  
**Ileum**, double perforation of, and perforation of gall-bladder, in **xlvi**, 34.  
**Infection**, mixed in, **xiv**, 491.  
**Intestinal perforations** in, **xxxvi**, 735, **xxxix**, 8, 118; of small, **xxxvi**, 622; laparotomies, three unsuccessful, for, **xxxviii**, 63, 127; surgical features of, in children, **xxxviii**, 71; surgical intervention for, **xxxiii**, 544.  
**Intussusception**, complicated by, **xxxix**, 604, **zlix**, 111.  
**Esophagus**, stricture of, sequel to, **xlii**, 144.  
**Operation** during preperforative stage of, **xxxiii**, 615.  
**Perforations**, **xliii**, 446, 935, 941; diagnosis and treatment of, observations on, **xliii**, 652; ileum, of, **xlii**, 927, **xlvi**, 133;

operations for, **xli**, 284; multiple, in, recovery after repeated operations, **xlix**, 392.  
**Stenosis** of larynx, after, **iv**, 336; of stomach, complicated by acute dilatation of, **xlvi**, 678.  
**Ulcer**, ileum, of, perforating, laparotomy for, **xxxiii**, 596; intestine, of, perforating, recovery after operation, **xxxiv**, 176; operation for perforating, **viii**, 219; perforating, **xxxi**, 764; case of, laparotomy for, **xxvi**, 707; operation for, **xxviii**, 144; for suture of, **xxix**, 503; recovery after laparotomy and suture, **xxi**, 362, **xxiv**, 764; surgical treatment of, **xxv**, 233.  
**Ulceration**, intestinal suture for perforating, **v**, 359; esophagus, of, causing stricture, **xxxix**, 683.  
**Wrist**, suppuration of, as sequel to, **xxxii**, 135.  
**Typhoidal appendicitis**, perforating, **xliv**, 308.  
**Perforation**, cases of, three, **xxxvii**, 287; fistula following, **xli**, 288; gall-bladder, perforation of, primary, **xxxvii**, 878, 935; intestinal perforation, suture of, **xxxvii**, 380; perforating, **xxxvii**, 283; operative treatment of, **xxxix**, 123; recovery from, after operation, **xxvi**, 210; ribs, of, **xxxvii**, 253; spleen, hemorrhage from, **xxxvii**, 288.  
**Osteomyelitis**, **xxxiv**, 181.

## U

**Ulcer**, crateriform, **iv**, 357, **vi**, 77.  
**Duodenal**, successful excision of, **xix**, 241.  
**Flaps** transplantation for, **iv**, 78.  
**Foot**, of, perforating, **ii**, 154.  
**Gastric**, effects of gastro-en-

terostomy in, **xi**, 435; perforating, **xlvi**, 132; surgical treatment of, **xliv**, 907, 952, 954.  
**Intestines**, of, perforating, **ix**, 59, 95.  
**Jejunal** and gastrojejunal fol-

- lowing gastrojejunostomy, **1**, 367.
- Leg, of the, ambulant treatment of, **xliv**, 792; cured by carbolized spray, **v**, 283; treated by incision, **x**, 145, 216.
- Pathology of rodent, **ii**, 336.
- Perforating cutaneous, from neuritis, **xi**, 147; duodenal, **xlvi**, 464; spina bifida, and, perforating, **viii**, 56.
- Rodent, pathology of, **ii**, 336; treatment of, **viii**, 101.
- Subiodide of bismuth for, **iv**, 545.
- Surgery of, **vii**, 66, 137, 311.
- Transplantation of large strips of skin for cure of, **x**, 144.
- Typhoid, treated by laparotomy and suture, **v**, 359, **viii**, 219.
- Review of Book: Surgical Treatment of Gastric and Duodenal Ulcers, by Moynihan, **xxxviii**, 466.
- Ulceration**, chronic, carcinomatous changes in, **xxxvii**, 496.
- Ullman's** improved method for intestinal anastomosis, **xxv**, 230.
- Ulna**, bilateral wrist deformity due to osteitis of radius and luxation of the, **1**, 500.
- Elbow-joint, excision of, olecranon sutured to lower end of, **v**, 75.
- Detachment of carpal epiphysis of, **x**, 150.
- Fracture of the coronoid process of, **xxiii**, 448; by indirect force, **ii**, 159; of styloid process of, complicating fracture of lower extremity of the radius, **xxviii**, 651; of upper and with dislocation of head of radius, **xvi**, 465; in upper third, **iv**, 262.
- Sarcoma of the, **xliv**, 768.
- Tuberculosis of, **xxviii**, 468.
- Ulnæ**, congenital dislocation of both, at the wrists, **xxxviii**, 119.
- Ulnar** nerve grafted upon median, **iv**, 161; recurrent dislocation of, operative treatment of, **xxxviii**, 652; secondary suture of, **v**, 256, **xl**, 315; and median, suture of, **iv**, 161; suture of divided, with functional recovery, **xix**, 91.
- Paresis from shot wound of arm, **xxv**, 477.
- Umbilical** cord, hernia of the, **xl**, 559.
- Large congenital hernia of, treated mechanically, **xxii**, 272.
- Hernia, **vi**, 193, **xix**, 737, **xl**, 565.
- New-born infant, in a, laparotomy for congenital, **viii**, 317.
- Omphalectomy for strangulated, **viii**, 217.
- Operation for, **xxxix**, 132, 1003, **xlvi**, 625; non-strangulated, **v**, 374; radical cure of, **xxxiv**, 276; pregnant woman, in a, strangulated, **iv**, 442; radical cure of, **xxxii**, 663, **xxxviii**, 118, **xl**, 760; child, in a, with preservation of the navel, **xlvi**, 306; radical operation for, **xliv**, 776; spontaneous external rupture, with, **xii**, 230; strangulated, **xl**, 461.
- Ring, minute changes in the formation of, **xiii**, 153.
- Wounds, tetanus from, **ii**, 88.
- Umbilicus**, dermoid tumor of, **xv**, 394.
- Malignant disease of, **xv**, 326.
- Vascular tumors of, **vii**, 66.
- Ununited** fracture of forearm, **xxxiv**, 416.
- Neck of femur, union of, by open operation, **xl**, 561, 606.
- Tibia, of, **xxxiv**, 431.
- Upper** extremity, amputation of entire, **xxi**, 715, **xxvi**, 734; failure of development of, **xxxvi**, 787; removal of, with scapula and clavicle, case of, **xxii**, 736.
- Urachus**, abnormalities of, **v**, 107.
- Cysts of, **xiv**, 337, **xliv**, 529; enormous, **xlvi**, 230.
- Fistulae, **xxxii**, 736.
- Laparotomy for congenital cyst of, **ix**, 227.
- Uraniscoplasty**, ureter of a child, blocked by stone, hydronephrosis resulting, **xxvii**, 643.
- Uranoplasty**, **xxv**, 765, 766; early, functional results of, **xviii**, 467.

- Review of Book: Uranoplasty, by Brandt, viii, 479.
- Uranostaphylorrhaphy**, a method for, xxxvi, 560.
- Ureter** or **ureters**, abnormal implantation of, causing hydronephrosis, xlix, 256.
- Accidental wound of, treated by ureterocystostomy, xxxix, 755, 821.
- After section, implanted into bladder, xxi, 224.
- Anastomosis of divided, xix, 70; experiments in, xxv, 378.
- Best method of collecting urine from, xxxii, 149.
- Boari's method of implantation of, into bladder, xxxi, 37.
- Calculus in, xxi, 214, xli, 764, xlii, 456, xliii, 733, xlv, 767; diagnosis of obscure cases of, xlv, 905; diagnosis of obscure cases by aid of Röntgen rays, xxxi, 163, xxxiii, 435; double, with pus dilatation of one member, xxxvi, 607; extirpation of, xii, 441; extraperitoneal extirpation of, followed by nephrolithotomy, xxiv, 106; impacted, in, xxxvi, 770, xii, 74; obstructed by, xlix, 841; operative treatment of, in the pelvic portion of, xlvi, 793, xli, 132; phantom, xlv, 317; producing hydronephrosis, xlii, 265; removed by inguinal incision, xxxv, 519; by suprapubic cystotomy, xxv, 518; per urethram, xxx, 100.
- Case of implantation of, into bladder, xxiii, 337.
- Catheterism, xxxvii, 22, xviii, 245; male, xxii, 406, xxvii, 71, 475.
- Contribution to experimental surgery of, xxi, 220, xxvi, 314.
- Cystic dilatation of, xxix, 322.
- Cystoscope for catheterizing the, xlix, 218, 225.
- Displacement of, with resection of the bladder, xxv, 663.
- Disturbance of, due to irritation of inflamed appendix, xxv, 187.
- Double, xxxiii, 30, xxxiv, 581.
- Excision of kidney for ruptured, ii, 85.
- Exposure of, xxxvi, 464.
- Fibrolymphosarcomata of both, metastatic to a primary lymphosarcoma of the anterior mediastinum of thymus origin, l, 901.
- Implantation of cut, into bladder, xix, 696, xxiv, 767, xxx, 513, xvi, 193.
- Inguinal hernia, in, xxxix, 1017.
- Injury of, during hysterectomy, xlix, 560.
- Kidneys, and, functioning of, as a means of surgical diagnosis, xxxvi, 800; single, with two, xliii, 955.
- Landmarks in the, xxxvi, 850.
- Lower, stone in the, xl, 943.
- Male, catheterization of, xix, 121.
- Operations on the lower ends of the, xli, 216.
- Rectal implantation of, xxxviii, 445.
- Renal catheter as an aid in the diagnosis of valve-like obstruction of the, xlvi, 870.
- Repair of wounds of the, xxvii, 46.
- Resection of, xvi, 453; of vesical end of, for tumor of the bladder, xx, 78.
- Results of occlusion of, xviii, 402.
- Right-sided, calculus complicating chronic appendicitis, xlvii, 809.
- Stricture of, leading to hydronephrosis, xxix, 320.
- Surgery of, viii, 223, xx, 275; lower, of the, xxxvii, 668.
- Suture of cut, with recovery, xix, 757.
- Technic of catheterization of, in the female, xxii, 650.
- Total ablation of, after nephrectomy, xviii, 102.
- Total extirpation of, after nephrectomy, xxvi, 361.
- Transperitoneal examination of, in cases of ureteral calculus, xliii, 743.
- Transplantation of, xxxv, 638; into rectum for exstrophy of the bladder, xli, 470; into a vesical pouch, xx, 183.
- Traumatic rupture of, xix, 513, xli, 127.

- Tubercular infection of the, by catheterization, **xxxi**, 750.
- Tuberculosis of, complicating tuberculosis of kidney and bladder, **xxxviii**, 525.
- Valve formation in the, **xxxvi**, 463, 528.
- Valvular stricture of, causing hydronephrosis, **xviii**, 658.
- Wound of the, during hysterectomy, **xli**, 126.
- Reviews of Books: Diseases of the Ureter and Kidney, by Morris, **xxxviii**, 155; Inoculation of Ureter with the Intestine, by Chaput, **xx**, 193; Surgery of the Ureters, by Glantenay, **xxii**, 538.
- Ureteral anastomosis**, **xliv**, 687; case of, **xxxiv**, 816.
- Calyces, pelvis, and ureters, paraffin casts of, **xxxviii**, 375.
- Catheterization, **xxx**, 661.
- Fistula, treatment of, **xviii**, 603; after vaginal hysterectomy, **xviii**, 600.
- Implantation, **xxxii**, 165; in connection with bladder resection, to be substituted by nephrectomy, **xlii**, 805.
- Obstruction, nephrotomy for, **xlix**, 713.
- Occlusions, indigo-carmin test as an aid in diagnosis of, **xliv**, 553.
- Renal calculi, and, observations on, **xlix**, 670, 718.
- Ureterectomy**, **xxxiv**, 579.
- Ureteritis cystica chronica**, **xlvi**, 233.
- Ureterocystotomy**, **xxii**, 410.
- Ureterolithotomy**, case of, following nephrectomy, **xxi**, 29, 75.
- Combined intra- and extra-peritoneal, **xlili**, 743.
- Transperitoneal, **xxii**, 363, **xxxii**, 843.
- Ureterostomy**, **xix**, 70.
- Double lumbar, **xlvi**, 952.
- Left—and right nephrostomy for hydronephrosis due to ureter obstruction due to bladder tumor, **xlvi**, 287.
- Ureterotomy**, diagnostic, **xxi**, 614.
- Uretero-ureteral anastomosis**, **xxv**, 51; for traumatism, **xxix**, 593.
- Uretero-uterine fistula**, **xii**, 316.
- Urethra** (see Gonorrhœa, Stricture, Urinary), bacteria in the, **xxix**, 684.
- Calculus impacted in, **ii**, 332, **xxi**, 712, **xxii**, 655.
- Cyst of the prostatic, **i**, 922.
- Deep, contribution to the surgery of, **xl**, 555.
- Electrolysis in stricture of, **iv**, 156, **v**, 85, 165, **ix**, 67.
- Endoscopy of, and bladder, **xi**, 138, 473.
- Female, carcinoma of, **xix**, 461; genesis of malformations of, **xix**, 741; multiple calculi in, **xix**, 91; primary cancer of, **xl**, 76.
- Fistula between rectum and, **ix**, 468.
- Foreign body in male, **viii**, 51, 52.
- Histological changes in chronically inflamed, **ix**, 385.
- Injuries of, treatment, **x**, 308.
- Inversion and prolapse of female bladder through, **viii**, 463.
- Length of male, **v**, 84.
- Primary carcinoma of the bulbous, **xxxix**, 375.
- Prolapse of female, **xii**, 151.
- Prostatic, compressed by tumor of ischium, **xix**, 468.
- Repair of, by transplantation of the urethra of animals, **xl**, 387.
- Restoration of perineal portion of, after destruction by fracture of the pelvis, **xlix**, 86.
- Results obtainable in the treatment of dense, tight, deep lying strictures of the, **xxxiii**, 79.
- Rupture of, **vi**, 32, **xxxix**, 1014; of spongy, **vii**, 63.
- Saccular dilatation of, **iii**, 92.
- Stricture of, **vii**, 228; relieved by the string saw, **xix**, 744; rupture and extravasation of urine, **xxxv**, 816.
- Subcutaneous division of stricture of, **iv**, 533.
- Technic and after-treatment of external section of, **viii**, 54.
- Traumatic rupture of, **xxvii**, 83.
- Treatment of injuries to, **xi**,

- 295; results, and, of injuries of, **xii**, 77; some chronic forms of suppuration from male, **iii**, 432.
- Vesical tumor removed through the, **xii**, 390.
- Wheelhouse's method, treatment of stricture of, by, **viii**, 167.
- Reviews of Books: Diseases of the Male Urethra, by Stewart, **xxvi**, 410; Surgery of Urethra, Bladder, and Prostate, by Rochet, **xxii**, 541; Stricture of the Urethra, by Distin-Maddick, **vii**, 228; Traumatism of the Male Urethra, by Wasiliew, **xxxiv**, 327.
- Urethral arthritis**, **v**, 173.
- Calculi, **iii**, 435, **xxxvi**, 779; case of, **x**, 207; primary, **xli**, 242.
- Fever, **iv**, 20.
- Fistula, operation for, **xvi**, 462; non-urinary, **i**, 374.
- Instruments, apparatus for sterilization of soft, **xxiv**, 226.
- Stricture, deep, radical cure of, **x**, 309; treatment of, **iii**, 91; by electrolysis, **iii**, 434; treated by perineal drainage, **xv**, 396.
- Urethrectomy**, partial or complete, as a method for radical treatment of rupture of the urethra, fistula or organic stricture, **xvii**, 181.
- Urethrofemoral fistula**, **xi**, 293.
- Urethroperineal fistula**, **iv**, 461.
- Urethroplastic operation**, **iii**, 250.
- Urethrotomy**, drainage after, **xiv**, 278.
- External, **iii**, 436, **viii**, 54, **xv**, 142, 332; after-treatment of, **vii**, 302.
- Internal, after-treatment of, **vii**, 62; internal and external, **vi**, 32; hemorrhage after, **x**, 157.
- Urethrotomy**, perineal, **iii**, 435, **vi**, 8.
- Preliminary to plastic operations, perineal, **ii**, 82.
- Urethroplasty**, **xxxvii**, 486.
- Urethrovessical suture** and extrophy of bladder, **vii**, 306.
- Urine** in children, incontinence of, **iv**, 188.
- Differentiation of the, **xxx**, 330, 644, 661.
- Divisor, Cathelin's, efficiency of, **xxxvii**, 799.
- Elimination of mercury by the, **vi**, 282.
- Freezing point of, **xxxv**, 535, 692, 693.
- Indications to be drawn from, as to the safety of anæsthetics, **xviii**, 439.
- Intravesical separation of the two, Luys's instrument for, **xli**, 81.
- Nephrotomy for relief of sudden total suppression of, occurring some time after nephrectomy, **xv**, 286.
- Recurrent intermittent retention of, as result of Bottini operation for prostatic hypertrophy, **xliv**, 284.
- Secretion of, after abdominal section, **xxi**, 184.
- Suppression of, after removal of calculus from kidney, relieved by saline infusions, **xxii**, 266, 267, 268.
- Review of Book: The Urine and Fæces in Diagnosis, by Weil-Jeliffe-Hensel, **xlii**, 477.
- Urinal** for continuous drainage after suprapubic cystotomy, **xx**, 371.
- Urinary abscess**, **ii**, 85; from extravasation, **i**, 373.
- Fistula, operative treatment of, **vii**, 58.
- Lithiasis, symptoms and signs in, **xlvi**, 584.
- Meatus, obstruction of the internal, by folds of mucosa, **xlvi**, 249.
- Tract, female, tuberculosis of, **xxxviii**, 524; lithiasis, the Röntgen method in, **xlii**, 864.
- Reviews of Books: Diagnosis of Urinary Diseases, by Posner, **xxv**, 521; Surgery of the Urinary Passages, by Loumeau, **xix**, 379, 508; Surgical Disorders of the Urinary Organs, by Harrison, **vii**, 227; Traité des Maladies des Voies Urinaires, par Desnos et Minet, **xlix**, 585; Tu-



- mors of the Urinary Bladder, by E. Hurry Fenwick, **xxxv**, 551.
- Urogenital** diaphragm, destroying the, for the relief of prostatic ischuria, **xlii**, 874.
- System, congenital unilateral absence of the, **i**, 907.
- Tuberculosis in the male, **xx**, 396.
- Uterine artery**, method for ligating, after laparotomy, **xxv**, 217.
- Uterus** (see also Cæsarean section, Extra-uterine, Hysterectomy, Laparo-elytrotomy, Laparotomy), actinomycosis of, **xxiii**, 342.
- Advantages of removal by abdominal over vaginal route in carcinoma, **xl**, 135.
- Amputation of septic, for cure of puerperal disease, **v**, 453.
- Appendages of, **iii**, 102; removal of, **v**, 172, **vi**, 41; ultimate results of operations for, **xv**, 220.
- Bicornis, extirpation of pregnant horn of a, **iv**, 371.
- Bladder, to, cure of fistula from, **viii**, 465.
- Cæsarean section on account of a fibroid tumor of the cervix, **iii**, 443.
- Cancer (see also Carcinoma), of, operative treatment of, **xxii**, 462; of body of, **iv**, 85; effect of ligation of both internal iliac arteries during hysterectomy for, **xx**, 248; of fundus, **xxix**, 741, 763; prolapsed, of, **xii**, 152; supravaginal amputation of cervix for, **xvii**, 504, 507; results of operations for, **xxiii**, 339; vaginal hysterectomy for, **xvi**, 83, 429.
- Cancerous excision by combined abdominal and vaginal dissection, **xix**, 125; partial, **iv**, 367; statistics of, **iv**, 370.
- Causes of the normal and pathological positions of the, **xxiii**, 335.
- Cornu of, in sac of inguino-labial hernia, **xxi**, 691.
- Dilatation in cancer of, **v**, 449.
- Diseases of, **xxvii**, 143.
- Displacements of, **xlix**, 843; fibroid of, **xlix**, 843; inflammation of, **xlix**, 844; intra-abdominal treatment of, **xi**, 77; shortening round ligaments for, **iv**, 42, 365.
- Electrolysis of fibroma of, **viii**, 283.
- Extirpation (see also Hysterectomy), amputation and, in cancer of, **ix**, 150; prolapse for, **xvi**, 586, 587; present status of the operation for, **ii**, 486; sacral way, by the, **xvi**, 416, **xviii**, 464; total, for large fibromata, **xvii**, 628; of, per vaginam together with portions of pelvic connective tissue, **xii**, 154; for retained putrefying placenta, **xii**, 152; through perineum, **xii**, 152; vagina, and, **iii**, 177, 357, 359, 444, 532; vaginal, **vi**, 275, **xii**, 314, **xxvi**, 280.
- Fibroma of, **xvi**, 74, **xxii**, 268, **xxxvii**, 470.
- Fibromyoma of, means of inducing atrophy of, without removal, **xix**, 756; castration for, **iv**, 37; treatment of, **xviii**, 251, 329, 598, **xxvii**, 350; total extirpation for, technic of, **xviii**, 598.
- Fixation of, to periosteum of symphysis pubis, **xvii**, 628.
- Foreign body in, **xi**, 75.
- Gestation, laparotomy for extra-uterine, **ii**, 172.
- Hernia of, through the inguinal canal, **xl**, 98, 154.
- Hysterectomy for, **xix**, 758.
- Indications for total extirpation of, through vagina, **xv**, 153.
- Inflammatory deposits about, **vii**, 471.
- Inversion of, gradual amputation by ligature, **iv**, 372.
- Irreducible chronic inversion of, method for cure, **xvi**, 586.
- Myoma of, **xxxi**, 763, **iv**, 305; carcinomatous degeneration of, **xxxiii**, 60, **xlii**, 147; hysterectomy for, **xxviii**, 142; large, **xxxiv**, 431, **xii**, 155.
- Necessity for operation for myoma of, **viii**, 71.

Neoplasms of, questions of origin of malignant from non-malignant, **xxiv**, 257.  
 New-born child, in a, complete prolapse of, **xii**, 152.  
 Non-infecting chancre of, **vi**, 355.  
 Pelvic abscess simulating myoma of, **iv**, 455.  
 Pregnancy without the, **ix**, 151, 472.  
 Prolapse of, in aged women, radical treatment of, **xxv**, 789; operation for, **xix**, 240; vaginal stricture for, **xxv**, 218; and vagina, operations for, **iii**, 264.  
 Relative merits of hysterectomy and supravaginal amputation in the treatment of, **xvi**, 588.  
 Removal of, per vaginam, by morcelllement, **xix**, 758.  
 Retroflexion of, operative treatment of, **xii**, 312; treated by ventrofixation, **xii**, 311.  
 Retroversion of anterior fixation for relief of, **x**, 234; hysteropexy, for, **xv**, 498; relative merits of, operations for the relief of, **xxv**, 219;

vaginal fixation, **xxi**, 227; ventrosuspension for, **xxvii**, 339.  
 Rupture of laparotomy for, **viii**, 69; successful supravaginal amputation of, for, **xi**, 154.  
 Sarcoma of, **xvii**, 111, **xxxiii**, 137.  
 Supravaginal amputation of, **ix**, 472.  
 Torsion of the, **xxxix**, 817.  
 Tumors of, total ablation of the, for large fibrous and fibrocystic, **xvi**, 474; fibroid, demanding operation, **i**, 287.  
 Vessels, ligature of, **x**, 376;  
 Reviews of Books: Adenomyoma des Uterus, von Thomas O. Cullen, **xxxviii**, 934; Diseases of Appendages of Uterus, by Blandl, **iii**, 185; Hysteropexy for Uterine Retroversion, by Chrostowski, **xv**, 498; Neoplasms of the Uterus and Vagina, by Guse-row, **iii**, 185; Surgery of the Uterus, by Delagénère, **xxix**, 401; Vaginal Hysterectomy for Cancer of the Uterus, by Boldt, **xvi**, 429.  
 Uvulotomy, hemorrhage after, **iv**, 521.

## V

Vaccination followed by tetanus, **xxxv**, 520.  
 Vagina, absence of, colpoplasty for, **xxxii**, 572.  
 Artificial, formation of, by intestinal transplantation, **xl**, 398.  
 Congenital absence of, **xiii**, 223; congenital deficiency of septum between rectum and, **ix**, 149.  
 Cysts of the, **xxiv**, 766.  
 Diseases of, **xxvii**, 139.  
 Enterocoele, **iii**, 178.  
 Foreign body in, **xv**, 500; thrust into the abdomen through, **ix**, 228.  
 Minute canal, case of, **iv**, 459.  
 Operations for prolapse of uterus and, **iii**, 254.

Prolapse of, **xlix**, 844; intestine through ruptured wall of, **viii**, 144.  
 Rectocoele of, **viii**, 67.  
 Rupture of, during coition, **xii**, 310.  
 Review of Book: Diseases of the Vagina, by Briesky, **iv**, 283, 287.  
 Vaginal extirpation, technic of, **xvi**, 429, 478.  
 Fistula, artificial vesico-, **iii**, 361; colo-utero-, **ii**, 431; gastro-, **iv**, 459; hydrocele treated by sublimate injections, **vii**, 62; peritoneal process, **vii**, 157; recto-, **vii**, 138; statistics of vesico-, **iv**, 372.  
 Hysterectomy, **iii**, 177, 359, 444.

- v, 449; for fibromyoma, **xix**, 758; for pelvic suppurations, **xix**, 761.
- Lithotomy, **iii**, 251.
- Review of Book: Operative Technic of Vaginal Hysterectomy, by Richelot, **xviii**, 334.
- Vaginorectal** operations, **xxxi**, 381.
- Vagino-vesical** fistula, **ii**, 84.
- VALE, FRANK P.: The bottle operation for hydrocele, **xlvi**, 479, 480; Luys's instrument for the intravesical separation of the two urines, **xli**, 81; traumatic subluxation of the humerus, **xlvi**, 709.
- Valga coxa**, **xliv**, 125.
- Valgus** in the female, spurious, **iii**, 355.
- Operative treatment of hallux, **v**, 162.
- Valvular** colostomy and irrigation, treated by, **xxxiii**, 753.
- VAN ARSDALE, W. W.: Actinomycosis, **xxii**, 387; diagnosis of anthrax bacillus, **xx**, 82; diphtheria and tracheotomy in Leipsic, **i**, 97; epithelioma of nose and frontal sinus, **xx**, 416; gastro-enterostomy with Murphy's button, **xxi**, 70; gastrostomy by Kader's method, **xxix**, 111; gunshot wound of the arm, severing the brachial artery, **xxvii**, 666; hip-joint amputation, **xxv**, 178; Landerer's dry method of operating, **x**, 345; Landerer's mechanical theory of inflammation, **ii**, 479; the operative treatment of goitre, **xii**, 161; ossifying hæmatoma, **xviii**, 8; the present state of bacterial science in its surgical relations, **iii**, 43, 141, 221, 321, 401, 507, **iv**, 57, 150, 217; of the iodoform question, **ix**, 202; of treatment of thyroid tumors, **i**, 351; removal of motor centre of arm for traumatic epilepsy, **xxvi**, 234; resection for tuberculosis of wrist, **vi**, 52; rupture of biceps cubiti muscle, **xxii**, 518; Schede's results with corrosive sublimate as an antiseptic dressing, **ii**, 148; Socin's operation for the radical cure of hernia, **v**, 241; subluxation of the head of the radius in children, **ix**, 401; technic of temporary resection of the skull, **xxiv**, 465, 495; treatment of compound fractures of the skull, **iv**, 318; of general septic peritonitis, **xxvi**, 238; of the intestinal paralysis of peritonitis by enterostomy, **xxix**, 1, 115; of intussusception, **xx**, 421; use of oxygen gas with ether for anæsthesia, **xxiii**, 196; splint for fractures of femur in infants, **xlii**, 801.
- VANCE, JAMES: Primary fibromyomata of the broad ligaments, **xlvi**, 854; solid tumors of the mesentery, **xliii**, 366.
- VANDER VEER, ALBERT: Empyema thoracis, **i**, 158; gastric and duodenal surgery, **xxxix**, 306; history of abdominal section in Albany, **vii**, 336; report of a case of sarcoma of the thyroid, **xlvi**, 829.
- VAN HARLINGEN, A.: The marriage of syphilitics, **xx**, 96.
- VAN HOOK, WELLER: Air-distention in operations upon the biliary passages, **xxix**, 137; new operation for hypospadias, **xxiii**, 378; tuberculosis of sacro-iliac joint, **viii**, 401, **ix**, 35, 115.
- VAN METER, M. E.: New operation for ingrown toe-nail, **i**, 936; use of skin from puppies in skin grafting, **xii**, 136.
- VAN SANT, DR.: Hypertrophy of the tonsils, **xxvi**, 133.
- VAN SANTVOORD, R.: Pathology of subluxation of the head of the radius in children, **xi**, 104.
- VAN ZWALENBURG, CORNELIUS: Strangulation resulting from distention of hollow viscera, **xlvi**, 780.
- Varices** of the lower extremity, enucleation of, **xi**, 314.
- Varicocele**, **vi**, 31; cure of, **viii**, 205; operation for, **iv**, 120; radical cure of, **x**, 158, **xxii**, 99, 273; radical treatment of, **iii**, 429; treatment of, **iv**, 260.

**Varicose** aneurism of the hand, **xix**, 684.

Leg, of, ambulant treatment of, **xliv**, 792; treatment of, **xxxviii**, 765.

Ulcers, treatment of, by stretching the perineal nerve, **xxx**, 776.

Veins, operation for, followed by fatal embolism, **xli**, 148; simulating femoral hernia, **xlii**, 127; treatment of, **xxvii**, 626; Trendelenburg's operation for, results of, **xxxiii**, 806.

**Variola**, **xv**, 43.

**Varix**, aneurismal, **xliv**, 920.

**Varnish**, joiner's, in wounds and ulcers, **xi**, 67.

**Varum**, genu valgum, and, discussion and therapy of, **viii**, 231.

**Varus**, talipes equino-, **ix**, 101; treated by osteotomy, inveterate talipes equino-, **v**, 201.

**Vas deferens** anastomosis, **xlix**, 303; case of complete section of, with end-to-end union, **xxi**, 35; grafting of, into globus major after epididymectomy, **xli**, 780; resection of, **xxxii**, 557, 567, 606.

**Vasa deferentia**, ligation of, for hypertrophy of the prostate, **xxiii**, 737, 744; a method of anastomosis of, **xliv**, 92.

**Vascular** obstruction as a cause of ileus, **xxxiii**, 443.

System, **vii**, 213, 215, 288, 401; surgical diseases of, **iii**, 516; **xlvi**, 335, 476; tumors of umbilicus, **vii**, 66.

**Vasectomy** for hypertrophy of the prostate, **xxvii**, 766; for prostatic hypertrophy, results of, **xxxii**, 309.

**VAUGHAN, GEORGE TULLY**: Stone, tuberculosis of the kidney and perinephric abscess, **xlvi**, 1024, 1053.

**Vegetable** plates in bowel, and stomach surgery, discussion of proper technic, **xvii**, 147.

**Veins** (see also Axillary, Blood-vessels, Cavernous, Hemorrhage, Jugular, Scarpa, Sinus,

Subclavian, Varicocele), air embolism in, **ii**, 31, 129.

Arterial ligation after occlusion of a, **iii**, 105.

Artery, and, treatment of simultaneous wound of, **viii**, 127.

Causes of death from air in, **ii**, 22.

Groin, in, wound of large irregular, with consecutive oedema and disability of limb, **v**, 11.

Ligature of common femoral, **iii**, 411; of femoral, below Poupart's ligament, **ix**, 76; of subclavian under clavicle, **iv**, 427.

Poupart's ligament, below, causing oedema and pseudo-hypertrophy of muscles, thrombosis of, **ix**, 359.

Reduction of dislocations, injuries of axillary, in, **ii**, 369.

Rupture of, **i**, 478; of internal jugular, ligature, **ii**, 89.

Surgery of, **iv**, 120, 166, 260, 261.

Surgical diseases of, **iii**, 516.

Suture of wound of femoral, **v**, 258.

Varicocele, **vi**, 31.

Varicose, treatment of, **xx**, 246; operative treatment of, **xxv**, 526.

Wound of internal jugular, **v**, 539.

**Vena cava ascendens**, result after extirpation, **xxiv**, 666; suture of wound of, **xxvi**, 128.

**VENABLE, C. S.**: Technic of tying off the mesentery in doing a resection of intestine, **xlxi**, 591.

**Venereal** arthropathies, **xxviii**, 725.

Reviews of Books: Genito-urinary and Venereal Diseases, by Chetwood, **xvi**, 502; Genito-urinary and Venereal Diseases, by Schmidt, **xxxvii**, 633; Manual of Venereal Diseases, by Hayden, **xxvi**, 409; Pathology and Treatment of Venereal Diseases, by Taylor, **xxiii**, 363.

**Vermiform** appendix (see Appendix Vermiformis), anatomy of cæcum and, **xvii**, 631.

- Diverticula, false, of the, **xliv**, 78.  
 Early operative treatment of, **x**, 138, 434.  
 Early resection of, in treatment of perityphlitis, **xii**, 373.  
 Excision of, **ix**, 89.  
 Foreign bodies in, **xviii**, 670.  
 Hernia of, **xviii**, 350.  
 Inflammation about, **ix**, 384, **xviii**, 42, 90, 93, 96, 365, 580.  
 Laparotomy for perforation of, **viii**, 23.  
 Perforation of, and perityphlitis, **x**, 78.  
 Peritonitis and its treatment, **xii**, 372.  
 Relations of the gross anatomy to some features of the clinical history of appendicitis, **xvii**, 164.  
 Strangulation of, in femoral ring, **xxxvi**, 938.  
 Surgery of, **xiv**, 512.  
 Surgical treatment of peritonitis starting from, **xiii**, 59.  
**Venous** aneurism, arterio-, **iii**, 517.  
 Angioma, of hand, **xxii**, 393; of foot, **xxii**, 394.  
 Sinuses of the brain, wounds of the, **xxxiv**, 81, 187.  
 Thrombosis and hydrocele of the inguinal canal, **xlvi**, 247.  
**Ventilation**, influence of, on the number of floating organisms in the air, **xi**, 216.  
**Ventral hernia**, operation for, **vi**, 169.  
 Radical cure of, **xlvi**, 760.  
 Silver filigree, closed with, **xxxviii**, 302.  
 Women, in, treatment of, **xv**, 327.  
**Ventricles**, hydatid cyst of—trephining, **xiv**, 402.  
 Lateral, case of drainage of, **xvii**, 703; tapping of the, **xix**, 424.  
**Ventro-aponeurotic**, fixation of the round ligaments, **xliv**, 404.  
**Ventrofixation** for uterine retroflexion, **xii**, 311.  
**Ventrosuspension** of uterus for retroflexion, **xxvii**, 339.  
**Vertebrae** (see Scoliosis, Spine), acute osteomyelitis of, **xxxi**, 382.  
 Acute primary osteomyelitis of the, **xxiii**, 510.  
 Anomalous spinous process of seventh cervical, **xxxi**, 469, 506.  
 Cervical, luxation of, **i**, 75, 77.  
 Dislocation of, **xliv**, 457; fifth cervical, **ii**, 160; in lower cervical region, **xliv**, 641; seven, *en masse*, **ix**, 301.  
 Exploratory operation on cervical, **iii**, 490.  
 Fractures of the, **xxxviii**, 388; cervical, **i**, 155; case of, **xxix**, 340; of fifth cervical, **vi**, 156, **xxix**, 636; laminectomy for, **xix**, 661, 664, **xlii**, 776; second cervical, with recovery, **xli**, 472; spinal, **iii**, 98; spinous process of ninth dorsal, **ii**, 65.  
 Fracture-dislocation of cervical, with cross lesion of cord, **xxviii**, 639.  
 Primary tuberculosis of laminae and spines of, **xix**, 597.  
 Recoveries after fractures of, **ii**, 506.  
 Resection of, for pressure paralysis from spondylitis, **xxvi**, 405; temporary, **xvi**, 182.  
 Sarcoma of, **xxxvii**, 103.  
 Syphilis of, differentiation of, from Pott's disease, **xxix**, 641.  
 Treatment of, **x**, 220.  
 Tuberculosis of cervical, cured by trephining, **xxxii**, 607.  
 Uppermost, injuries of, **xviii**, 239.  
**Verruca senilis**, **xl**, 604.  
**Vertebral** artery, ligature of, **ii**, 89; for epilepsy, **x**, 190; traumatism and traumatic aneurisms of, **xviii**, 477.  
 Caries, forcible correction of the angular deformity resulting from, **xxx**, 537.  
**Vesicae**, ectopia, **iii**, 168, 169.  
**Vesical calculus** (see Bladder, Lithotomy), **vi**, 33.  
 Chewing-gum nucleus of, **xliv**, 292; and ham-rind as nuclei of, **xliv**, 479.  
 Containing an opened safety-pin as a nucleus, **xlvi**, 796.  
 Due to ligatures and bone spicule in the bladder, **xxxiv**, 715, 716.



- Female child of four years, in, **xxxiv**, 819.  
 Large, **xxxiii**, 347.  
 Latent, **iii**, 92.  
 Leather shoe-string as nucleus, with, **xxxiii**, 648.  
 Mulberry, **xli**, 785.  
 Multiple, **xxxi**, 743; removed by cystotomy, **xxv**, 192.  
 Not demonstrated by the X-ray, cystotomy for, **xl**, 765.  
 Operations for, **ii**, 175, 176, 333, 334.  
 Partially encysted, **xxi**, 324.  
 Recurring, **iii**, 172.  
 Shot as a nucleus, with, **xxxiii**, 647.  
 Suprapubic route, by the, removal of an eight ounce, **xii**, 125.  
 Treatment of, **xviii**, 434.  
 Tumor removed through the urethra, **xii**, 390.  
 Twig of tree as nucleus, with, **xxxiii**, 648.  
 Women, in, **vii**, 470.  
**Vesical growths**, diagnosis and treatment of intra-, **vii**, 60.  
**Vesical space**, inflammation of pre-, **v**, 434.  
**Vesicorectal fistula** in the male, operations for, **ii**, 83.  
 Fistula, operative relief of, **xxix**, 744.  
**Vesico-urethro-vaginal fistula**, **xxxi**, 97.  
**Vesicovaginal fistula**, **ii**, 84; episioceleisis for, **xii**, 310; of exceptional size, **xxiv**, 374; operations for, **x**, 232, 233, **xi**, 463, **xiii**, 128, 222; from within the bladder for relief of, **xx**, 392; statistics of, **iv**, 372; tuberculous, **xii**, 317.  
 Necrosis for intravesical manipulations, **xxxix**, 822.  
**Vesiculitis**, seminal, relation of, to gonorrhoeal rheumatism, **xli**, 903.  
**Vesiculotomy**, seminal, for the cure of gonorrhoeal rheumatism, **xli**, 903.  
**Verwundungen** durch die modernen Kriegsfeuerwaffen, by Hildebrandt (review of), **xliii**, 481.  
**Vessels**, injuries of, in dislocations of the shoulder, **ii**, 369.  
 Membranes of brain, and treatment of injuries of, **ii**, 21.  
**Vicious circle** after gastro-enterostomy, **xl**, 770.  
**VINKE**, H. H.: Excision of the hip-joint, **iv**, 51.  
**VISCHER**, CARL V.: New incision for removal of the appendix vermiformis, **xxvi**, 624.  
**Viscera** (see Intestine, Liver, Pancreas), gunshot wounds of abdominal, **v**, 465.  
 Wounds of abdominal, **iii**, 88, 89, 243, 422.  
**Vocal cord**, cyst of left, **ix**, 143.  
 Fibroma of, **v**, 144.  
 Temporary paralysis of, after excision of cervical lymph-nodes, **xl**, 290.  
**VOELCKER**, DR.: Extirpation of the prostate, **xlvi**, 941.  
**Volunteer Military Surgeon**, **xl**, 847, 861.  
**VOLKMANN**: Antiseptic methods, **viii**, 291; arthrectomy of knee, **i**, 486; ischæmic paralysis of, and contracture, nerve involvement in, **xl**, 330; forearm, **xlvi**, 460.  
**Volvulus**, **xl**, 590.  
 Associated with hernia, **xxxi**, 405.  
 Cæcum, of the, **xli**, 63.  
 Causing intestinal obstruction, **xl**, 161.  
 Combined with hernia through a recent mesenteric slit, **xl**, 207.  
 Entire mesentery, of, **xxxix**, 1036.  
 Ileum, of the, **xxxiv**, 316, **xli**, 148.  
 Intestine, of the, **xli**, 214.  
 Jejunum, of the, **xli**, 214.  
 Observations upon, **xxx**, 47, 100.  
 Omentum, of the, **xl**, 916, **xl**, 624.  
 Operative treatment of, **xvi**, 395.  
 Parovarian cyst, of the, **xl**, 260.  
 Recurrent, of sigmoid flexure, **xl**, 444.  
 Sigmoid flexure, of, mesosigmoiditis, and its relations to recurrent, **xl**, 523; relieved

- by abdominal section, **xviii**, 28.  
 Small intestine, of the, in typhoid fever, **xliv**, 242.  
 Surgical treatment of, **xi**, 286.  
**Vomiting**, continued, gastro-enterostomy for, **xlix**, 249.  
 Operative treatment of intractable, **xlvi**, 730, 817.  
 Postoperative, treatment of, by gastric lavage, **xl**, 194.  
**VON EBERTS**, EDMOND M.: The surgical treatment of non-resilient diverticula of the bladder, **i**, 883.
- VOSE**, ROBERT H.: Forcible correction of the angular deformity resulting from spinal caries, **xxxi**, 537.  
**VULPIUS**: Intramuscular formation of bone, after trauma, **xxxvi**, 472.  
**Vulva**, diseases of, **xxvii**, 131.  
 Enterocoele of, **iii**, 179.  
 Papilloma of, in a child, **xxxvii**, 951.  
 Rectalis obliteration, case of, **x**, 232.  
**Vulvovaginal** glands, calculi from cysts of, **ii**, 517.

## W

- WADSWORTH**, RICHARD G.: Retroperitoneal perirenal lipomata, **xliv**, 60.  
**WAINWRIGHT**, JONATHAN M.: Contribution to the subject of perineal prostatectomy, **xxxvii**, 711; intussusception of Meckel's diverticulum, **xxxv**, 32.  
**WAGNER**, CARL: Abdominal wall suture, **xl**, 440; actinomycosis, **xli**, 634; hæmostatic scalpsuturing, **xli**, 794.  
**WALKER**, GEORGE: A new combined lithotrite with cystoscope, **xlvi**, 452; a new retractor to be used in suprapubic cystotomy, **xlvi**, 261; occlusion of the portal vein due to surrounding inflammatory adhesions, **xlvi**, 27; sarcoma of kidney in children, **xxvi**, 529; tuberculosis of the bladder, **xlvi**, 249, 388, 597.  
**WALKER**, JOHN B.: Arteriovenous aneuriorrhaphy, **xlvi**, 151; diagnosis of appendicitis, **xxxiii**, 633; fatal cases of hemorrhage after gall-bladder operations, **xl**, 131; femoral thrombosis after operation for appendicitis, **xxxii**, 451; gunshot wound of intestine successfully treated by button anastomosis, **xxiii**, 54; malposition of the appendix, **xlii**, 472; observations on the treatment of fracture of the neck of the femur, **xlvi**, 84, 118, 123; operations for neoplasms of the tongue, **xlvi**, 628; operative treatment for acute abscess of the lung, **xlvi**, 474; operative treatment of fractures, **i**, 363; of intractable vomiting, not due to pyloric obstruction—neurosis of the stomach, **xlvi**, 817; of undescended testicle, **xxx**, 330; pancreatic fistula, **xxxi**, 628; partial enterocoele, **xxxix**, 298; remote results of operation for the radical cure of inguinal hernia, **xlvi**, 440; sterilized water for operating rooms, **xxx**, 501; treatment of cancer of rectum, **xlii**, 278; of undescended testis, **xxxiv**, 296; tumor of gum, **xxxiii**, 766; undescended testis complicating hernia, **xli**, 951.  
**WALKER**, WARREN: Malignant ulcer of orbit, **xlvi**, 824.  
**WALLACE**, CUTHBERT: A series of cases of intussusception in childhood, **xli**, 415.  
**WALSH**, J. F.: Stretching of lingual nerve for neuralgia of tongue, **xxiii**, 48.  
**WALTON**, GEORGE L.: Fracture of the base of the skull, **xl**, 654.  
**Wandering dermoid cyst**, **xxi**, 308.  
**WARBASSE**, JAMES P.: Aseptic

- treatment of abscesses and suppurating wounds, **xxii**, 531; co-operation of surgeons in the making of surgical history, **xxxii**, 454; gastric tetany and foreign bodies in the stomach, **xl**, 909; immunity against tetanus, **xix**, 699; some fallacies inherent in the parasitic theories of the etiology of carcinoma, **xvii**, 599; spontaneous torsion of the pedicle of ovarian tumors, **xix**, 440; study of seventeen cases of empyema, **xvii**, 410; treatment of fractures of the lower extremity, **xxvii**, 593.
- Ward surgical dressing carriage**, **xxii**, 382.
- WARE, MARTIN W.**: Fracture of the tibial tubercle, **xl**, 739; rôle of the *Bacillus proteus vulgaris* in surgery, **xxxvi**, 120; syphilis of the bones, and some radiographic findings, **xlvi**, 199; treatment of fracture of the femur in infancy and childhood, **xl**, 257; a very early form of renal tuberculosis, revealed by nephrectomy, **i**, 879.
- WARREN, J. C.**: Case of laminectomy for depressed fracture of the spine, **xvii**, 439; hypertrophies and degenerations of cicatrices and cicatricial tissue, **xviii**, 253; operative treatment of cancer of the breast, **xl**, 805; plastic resection of the mammary gland, **xlvi**, 801; surgery of the spleen, **xxxiii**, 513.
- Warts of the aged**, **xl**, 604.
- Washstand**, surgical, **xxvii**, 750.
- Water**, in treatment of wounds, **i**, 475.  
Hot, in surgery, **i**, 274.  
Peritoneal cavity, in, during and after laparotomy to prevent shock, use of hot, **vi**, 160.
- WATERMAN, JEROME HILTON**: Contribution to the study of hip-disease, **xxviii**, 435.
- WATKINS, T. J.**: Hæmostasis of the broad ligament, **xxxv**, 829.
- WATSON, B. A.**: Expert examinations and testimony in railway cases, **xviii**, 41.
- WATSON, FRANCIS S.**: Anatomical points connected with the performance of prostatectomy, **xli**, 507; fibro-adenoma of inner wall of ileum, **xl**, 1008; hourglass stomach and its surgical treatment, **xxxii**, 56; hypernephroma of the kidney, **xl**, 1005; impairment or loss of the sense of smell as a means of diagnosis, **xiv**, 46; method of permanent drainage of both kidneys through the loin in connection with bilateral nephrostomy, **xl**, 406; operative treatment of hypertrophied prostate, **ix**, **i**, **xxxix**, 833; tumors of the bladder, **xl**, 805; permanent drainage of the kidneys through renal fistula in the loin, **xlvi**, 430; report of seven cases of acute axillary suppuration of unusual severity treated by extensive excision of inflamed tissues, **xvii**, 189.
- WATTS, STEPHEN**: Loss of entire lower lip, **xli**, 115; suture of blood-vessels, implantation and transplantation of vessels and organs, **xlvi**, 373.
- Weather**, relation of, to fatality following surgical operations, **xxiii**, 369, 603.
- Webbed fingers**, **xxx**, 403.
- WEBSTER, DAVID**: Sympathectomy for glaucoma, **xxxv**, 818.
- WEBSTER, R. E.**: Hernia of Meckel's diverticulum, **xxxv**, 503.
- WEEKS, STEPHEN H.**: Surgery of the Gasserian ganglion, **xlvi**, 1045.
- WEIDMAN, Y. C.**: Operation for large incarcerated hernia, **xxx**, 714.
- WEIL, RICHARD**: Hypernephroma of the kidney, **xlvi**, 418.
- WEIR, ROBERT F.**: Amputations for diabetic gangrene, **xxx**, 501; case of hydronephrosis, **xxvii**, 367; of nephrotomy, **xxvii**, 366; cirrhotic ascites treated by peritoneal anastomosis,

- xxx, 491; conical cæcum with long appendix simulating a ureter, xxxviii, 658; decapsulated lipoma of leg, xxvi, 231; deep external cesophagotomy, xxx, 98; diagnosis and treatment of abdominal contusions, xxxvii, 107; extirpation of kidney, i, 309; four months' operative work at the New York Hospital, v, 500, vi, 31; incision for appendicitis, xxvi, 226; inflammatory tumors of the colon, xxviii, 128; Murphy button in gastro-enterostomy, xxvi, 120; nephrectomy for fibrolipoma, xxvi, 128; operation for ankylosis of lower jaw, xxviii, 656; operative treatment of hallux valgus, xxvi, 444, 484; removal of biliary calculi from the common duct by the duodenal route, xxviii, 518; resection of the appendix vermiformis during the quiescent stage of chronic relapsing appendicitis, xliii, 362; of large intestine for carcinoma, iii, 469; result of operation for intestinal fistula, xxvii, 363; specimen of typhoid perforation for which laparotomy was performed, xxvi, 707; surgical treatment of ulcer of stomach, xxiv, 221; thoracotomy for foreign body in bronchus, xxviii, 657; transverse incision of the knee-joint for drainage in severe infections, xlv, 461; treatment of general septic peritonitis, xxvi, 235; tuberculosis of kidney and bladder, xxvii, 368; ureteral calculus removed per urethram, xxx, 100; use of celluloid plate after trephining, xxviii, 133; use of gloves in operative surgery, xxviii, 135; volvulus, xxx, 100.
- WEISER, WALTER RUPERT: Cysts of the urachus, xlv, 529.
- WELCH-SCHAMBERG: Acute contagious diseases, xlii, 478.
- WENDEL, A. V.: Case of floating gall-bladder and kidney, with cholethiasis, xxvii, 199.
- Wens in scalp, extirpation of, iv, 227.
- WERMUTH, W. C.: The trough-suspender-forearm sling, xlvii, 274.
- WETHERILL, HORACE G.: Effect of high altitudes in aggravating surgical shock, xxvi, 430.
- WHARTON, HENRY R.: Abdominal contusions, xxxvii, 624; arthrotomy for correction of old elbow dislocation, xli, 471; bone metastases in carcinoma of the breast, xlvii, 323; carcinoma of the bones following carcinoma of the breast, xlvii, 81; case of exstrophy of the bladder, xxix, 497; of compound or complicated fractures, xxxiii, 171, 205; cases of fracture of the patella treated by open operation and suture of the fragments, xlvii, 828; of impacted urethral calculus, xxi, 714; cholecystotomy, xxxi, 646; chronic periostitis of tibia, xxviii, 149; complicated compound fracture of the leg, xxxiii, 787; control of hemorrhage from branches of middle meningeal artery, xxxix, 452; danger of electric mattress during operations, xl, 154; drainage in empyema of chest, xxxvii, 956; epithelioma of the orbit treated by X-rays, xxxvi, 452; excision of elbow-joint for ankylosis following fracture, xxii, 114; excision of the hip-joint, xxviii, 664; extradural hemorrhage, xxxvii, 453; fibroma of the great toe, xlvii, 324; fixation in compound fractures, xxxi, 511; fracture of cervical vertebra, xxix, 639; of the femur during childbirth, xxxiii, 783; of the head of the tibia, xlii, 613; of the pelvis, xlix, 573; of the proximal end of the fifth metatarsal bone, xlvii, 824; gangrene of the rectum, xxviii, 389, 396; hemiplegia following operation for appendicitis, xlvii, 127; imperforate rectum, xxxiii, 788; infections of knee-joint,

xlv, 139; injuries of the lower extremities, **xxi**, 726; intestinal obstruction simulating appendicitis, **xxxiii**, 789; kidney stone in a child, **xli**, 299; laminectomy for tuberculosis of the spine, **xlv**, 304; large gall-stone from common duct, **xliv**, 576; lithotomy after litholapaxy, **xix**, 691; loose cartilage in knee-joint, **xxii**, 114; luxations at the ankle-joint, **xxix**, 647; malignant tumors of the breast, **xlvi**, 317; Marjolin's ulcer, **xxxvii**, 450; mercurial treatment of chronic appendicitis, **xxvii**, 105; multiple fractures of bones, **xvii**, 717; of the lower jaw treated with an interdental splint, **xlvi**, 826; open measures in the treatment of fractures, **xxv**, 761; operation for perforating typhoid ulcer, **xxix**, 503; for varicose veins followed by fatal embolism, **xli**, 148; operative treatment of cirrhosis of the liver, **xxxiii**, 791; of cleft palate, **xxxix**, 1031; osteitis deformans, **xxxix**, 443; partially encysted vesical calculus, **xxi**, 324; pistolshot wound of the optic nerve, **xix**, 695; removal of loose body from the knee-joint, **xl**, 141; of loose fragment of bone from the knee-joint, **xxxviii**, 126; remarks on osteotomy, **xxvii**, 790; ruptured ectopic pregnancy during typhoid fever, **xlvi**, 321; rupture of the kidney, **xlv**, 307; of the quadriceps extensor tendon, **xl**, 273; sabre-blade deformity, **xliv**, 127; separations of the lower epiphysis of the femur, **xxviii**, 665; of the upper epiphysis of the humerus, **xxviii**, 462; simultaneous rupture of both quadriceps extensor femoris tendons, **xxxvii**, 459; spurious meningocoele, **xxxvii**, 449; stricture of the œsophagus, **xliv**, 130; subiliacus hæmatoma simulating appendicitis, **xxxv**, 658; tetanus after amputation for

gunshot wound of forearm, **xliv**, 131; traumatic spreading gangrene, **xxxiii**, 770; treatment of acute hæmothorax, **xxix**, 1, 513; of contusions and sprains of the back, **xx**, 192; of epididymitis, **ii**, 386; of fractures of the lower end of radius, **xxix**, 276; of hemorrhoids, **xxxv**, 827; of hydrocele, **xxv**, 759; of intermaxillary bone in double harelip, **xxxiii**, 791; of intracapsular fracture of the femur, **xxiv**, 67; of pyonephrosis, **xxxvi**, 151; of strangulated hernia, **xx**, 189; use of iodoform, **xxvii**, 678; uterine fibroid in sac of inguinal hernia, **xl**, 155; vesical calculus formed about a silk ligature, **xxxiv**, 716; wiring patella fractures, **xxxvi**, 145; wounds of the venous sinuses of the brain, **xxxiv**, 81, 187, 191; wry-neck, **xxxiii**, 798.

**WHEELHOUSE**: Method in urethral stricture, **viii**, 167.

**WHITACRE, HORACE L.**: Persistent thyrolingual duct, **xxxvii**, 56.

**WHITE, J. WILLIAM**: A comparison of the merits of suprapubic and perineal cystotomy, **xxx**, 103; conditions simulating appendicitis, **xxv**, 190; deaths from ether, **xxv**, 184; deformity after fracture of lower extremity of radius, **xxv**, 196; diagnosis and treatment of surgical affections of the kidneys, **xxv**, 1; effects of unilateral castration on the prostate, **xxi**, 492; excision of vas deferens for prostatic hypertrophy, **xxiv**, 224; further report of results obtained in a case of removal of the posterior wall of spinal canal and opening of the dura mater spinalis for paraplegia, **xii**, 37; identity of proteus infection and hospital gangrene, **xxxvi**, 762; the marriage of syphilitics, **xx**, 95; multiple carcinomata following chronic X-ray dermatitis, **xlvi**, 649; nephrectomy, **xxv**, 192; operative treatment of



- Charcot's disease of the knee, **xxv**, 490; operative treatment of fracture of the patella, **xxii**, 661, 681, **xxiv**, 231; pancreatic cysts, **xxv**, 497; present position of antiseptic surgery, **xiii**, 1; the present position of the surgery of the hypertrophied prostate, **xviii**, 152, **xl**, 782; question of castration for enlarged prostate, **xxiv**, 388; of the removal of the appendix in every case of appendicular abscess, **xxiii**, 759; questions involved in the practice of castration for enlarged prostate, **xxv**, 107; results of double castration in hypertrophy of the prostate, **xxii**, 1; rhinoplasty, **xxv**, 187; the supposed curative effect of operations *per se*, **xiv**, 81, 161; suprapubic removal of enormous vesical calculus, **xi**, 1; surgery of the spine, **x**, 1; surgical uses of skiagraphy, **xxiv**, 384; treatment of osteomyelitis, **xxiv**, 236; of post-operative vomiting by gastric lavage, **xl**, 194; of saddle-back nose, **xxiv**, 233; of ununited fracture of the humerus, **xxiv**, 382; two cases of spinal surgery, **ix**, 424; use of skiagraphy for detection and location of foreign bodies impacted in the œsophagus, **xxiv**, 238.
- WHITEFORD, C. HAMILTON**: Abnormal ileo-appendicular fold as a cause of partial occlusion of the bowel, **xlvi**, 787.
- WHITING, A. D.**: Apparatus for proctoclysis, **xliv**, 440; intestinal obstruction caused by an enterolith, **xxxvi**, 297; volvulus of the entire mesentery, **xxxix**, 1036.
- Whitlows**, melanotic, **iv**, 357, 360.
- WHITMAN, ROYAL**: Acute abscess of hip-joint, **xxxix**, 292; bilateral cervical ribs and torticollis, **xlii**, 123; bilateral coxa vara, **xxxiv**, 833, **xxxvii**, 274; chronic hypertrophic synovitis of the knee-joint, **xliv**, 446; congenital deformity of extremity, **xl**, 120; congenital dislocation of the hip, **xxxvi**, 609, **xxxvii**, 428; congenital ossification of saphenous vein, **xxxiv**, 706; cured traumatic torticollis, **xxxiv**, 299; deformity following resection of the knee in a child, **xxxiv**, 429; of the shoulder-joint, **xl**, 455; dorsal meningocele, **xlvi**, 140; double coxa vara, **xxxii**, 632; epiphyseal fracture of the neck of the femur, **xlvi**, 118; excision of astragalus for talipes calcaneus, **xxxvii**, 107; extensive ulceration of leg, **xxxiv**, 299; failure of development of upper extremity, **xxxvi**, 787; fracture of the femur, **xliii**, 612; of the spine, **xl**, 258, 265; of the surgical neck of the humerus, **xxxvi**, 787; further observations on depression of the neck of the femur in early life, **xxxii**, 145, 259; on the treatment of paralytic talipes calcaneus by astragalectomy and backward displacement of the foot, **xlvi**, 264; gangrene from arteriosclerosis, **xli**, 453; ischæmic muscular atrophy, **xliv**, 444; manual traction to overcome muscular contractures, **xxxiii**, 55; non-development of inferior maxilla, **xxxiv**, 430; notes on forcible over-correction in the treatment of flat-foot, **xvii**, 16; observations on fracture of the neck of the femur in childhood, **xxv**, 673; observations on the treatment of fracture of the neck of the femur, **xlvi**, 118, 122; operation for ankylosis at the shoulder-joint, **xlvi**, 117; operation for deformity after Pott's fracture of the tibia, **xxxii**, 733; for deformity following fracture at the wrist, **xxxiii**, 202; operative relief of aggravated club-foot, **xli**, 949; operative treatment of fracture of the neck of the femur, **l**, 806; pathological fracture of femur, **xl**, 121; radical cure of confirmed flat-foot, **xv**, 462; resection of cervical

- nerves for spasmodic torticollis, **xli**, 768; result of operation for deformity following wrist injury, **xxxiv**, 832; of treatment after fracture of patella, **xxxiii**, 196; sarcoma of fibula in a child, **xxxvi**, 139; separation of upper epiphysis of humerus with dislocation, **xlvi**, 623; spontaneous fractures, **xli**, 451; tendon transplantation, **xlvi**, 143; transverse incision of the knee-joint for drainage in severe infections, **xlvi**, 464; traumatic torticollis, **xxxiii**, 627, 756; theory of the ultimate etiology of deformity, **xxiv**, 131; treatment of congenital and acquired luxations at the shoulder in childhood, **xlii**, 110, 123; of congenital dislocation of the hip, **xxxv**, 275; of epiphyseal displacements and fractures of the upper extremity of the humerus designed to assure definite adjustment and fixation of the fragments, **xlvi**, 706; of flexure ankylosis of knee, **xxxix**, 287; of fracture of the neck of the femur, with remarks on coxa vara, **xxxvi**, 746, 789; of fracture of femur in young children, **xli**, 454; of metatarsalgia, **xli**, 776; ununited fracture of the tibia, **xxxiv**, 431.
- WHITNEY, ALBERT DRAPER: Gangrene of the scrotum, **xli**, 785, 841.
- WHITNEY, WILLIAM F.: Subperitoneal pelvic fibromata, **xli**, 823.
- WIENER, JOSEPH J.: Closure of wound after radical amputation of breast, **i**, 837; intra-abdominal omental torsion, **xxxii**, 648; suprapubic prostatectomy without ether or chloroform, **xli**, 540.
- WIGGIN, FREDERICK HOLMES: Maunsell's method of intestinal suture, **xxii**, 688.
- WIGHT, J. S.: Case of œsophagotomy for removal of impacted foreign body, **xiii**, 100; case of fragilitis ossium, **xviii**, 662; some points on incarcerated hernia, **viii**, 555; ten cases of ankylosis of the elbow-joint after treatment of fracture of the lower end of the humerus with the forearm extended, **xviii**, 218; value of internal medication in treatment of malignant disease, **xvii**, 383.
- WILCOX, D. W. G.: A case of nephrorrhaphy for fixation of a floating kidney, **vii**, 192.
- WILCOX, S. F.: Bromide of ethyl as an anæsthetic, **xiv**, 294; skin-grafting infected areas, **xxxix**, 776.
- WILLARD, DE F.: Amputation through the knee-joint, **xxi**, 725; aneurism of the anterior tibial artery, **xxii**, 392; of the thoracic artery treated by introduction of wire and electricity, **xxxiv**, 143; anomalous spinous process, **xxxi**, 506; anthrax, **xxxv**, 524; bony union of fractured patella without operation, **xxxi**, 639; bradycardia following head injury, **xliii**, 456; case of ruptured gall-bladder, **xxxviii**, 122; cholecystotomy, **xxxi**, 644; chronic duodenal ulcer, **xli**, 786; congenital deficiencies of bones of foot and hand, **xli**, 461; dislocations of the semilunar cartilages of the knee-joint, **xxviii**, 531; double hip ankylosis, **xxxvi**, 287; excision of astragalus for club-foot, **xxix**, 271; gangrenous periproctitis after carbolic injection of piles, **xxviii**, 396; gastro-enterostomy for pancreatic carcinoma, **xxxix**, 609; gunshot wound of forearm, **xxxvii**, 458; hip-joint amputation for tuberculosis of femur, **xxxvii**, 456; hot air in joint diseases, **xxix**, 279; iliac abscesses simulating appendicitis, **xxxv**, 658; infections of the knee-joint, **xliv**, 136; intestinal anastomosis, **xxxv**, 279; intestinal anthrax, **xxxvi**, 452; obstruction after operation for appendicitis, **xi**, 150; suture, **xxxv**, 822; intraperitoneal wounds of the bladder, **xxviii**, 388; laminectomy for

paraplegia the result of tuberculous disease of the spine, **xliii**, 312; liver abscess, **xxxix**, 615; longitudinal fracture of the lower end of tibia, **xxv**, 763; mattress for operating-table electrically heated, **xxvii**, 682; obstetric fractures of the femur, **xxxiii**, 784; operation for relief of ankylosis at hip, **xxxi**, 641; osteoma of tibia, **xxv**, 764; osteomyelitis, **xlii**, 300; osteoplastic operation for spina bifida, **xxxvi**, 451; osteosarcoma of nose and orbit, **xli**, 152; osteotomy, **xxvii**, 789; pathology of osteitis deformans, **xxxix**, 442; plaster of Paris in fractures in children, **xxxiii**, 800; recovery after fracture of cervical vertebrae, **xli**, 473; refracture after repair of fracture patella, **xxxvi**, 146; results of operations for sarcoma of bone, **xxxiv**, 596; rupture of urethra from impacted calculus, **xxi**, 713; sabre-blade deformity, **xliv**, 127; senile atrophy of cranial bones, **xli**, 787; spina bifida, **xxxvii**, 457; with anterior opening, **xxxix**, 612; supplementary report on case of introduction of wire into sac of aortic aneurism, **xxxv**, 128; suture of arteries, **xlii**, 623; tendon transplantation, **xxxvi**, 289; treatment of anthrax, **xlii**, 295; of exstrophy of the bladder, **xli**, 469; of hemorrhoids, **xxxv**, 827; of intracapsular fracture of the femur, **xxiv**, 651; of tetanus, **xxxv**, 521; of thoracic aneurism, **xxxiv**, 311, 316; tubercular conditions of the spine requiring surgical and mechanical relief, **xlii**, 514; tuberculosis of the superficial lymphatic glands, **xxiv**, 669; uranoplasty, **xxv**, 797; urethral stricture, urinary infiltration and acute sepsis—recovery after perineal section, **xliii**, 454; use of fixation plates in treatment of fractures of the leg, **xxxi**, 508; use of iodoform,

**xxvii**, 667; the use of silver wire for the cure of large hernia, **xliii**, 547; wiring fractured bones, **xxvii**, 786; wound of the diaphragm and stomach, **xxxiii**, 651; of the venous sinuses of the brain, **xxxiv**, 191; wry-neck, **xxxi**, 793; X-ray in cancer, **xxxvi**, 294.

WILLIAMS, DANIEL H.: Penetrating wounds of the chest, diaphragm, and abdominal viscera, **xl**, 675.

WILLIAMS, HOWARD Y.: Case of cervical rib, **xxviii**, 509.

WILLIAMS, W. B.: Initial seats of neoplasms, and their relative frequency, **xiv**, 257.

WILLIAMS, W. ROGER: Question of the origin of malignant from non-malignant uterine neoplasms, **xxiv**, 357; stenosis of the pylorus in infancy, **xliv**, 121.

Willis, circle of, anomalies in, **xxxviii**, 878.

WILSON, GEORGE F.: Case of superficial bilateral gangrene with asymmetrical lesions, **xxxi**, 609; multiple gunshot wound of the intestine, **xxii**, 379.

WILSON, H. AUGUSTUS: Anomalous spinous process of seventh cervical vertebra, **xxxi**, 468, 506; dislocations of the semilunar cartilages of the knee-joint, **xxviii**, 532; excision of wrist-joint, **xxxii**, 618; fracture dislocation of the atlas without symptoms of spinal cord injury, **xlv**, 632, 634; fracture of the femur in an infant, **xxxiii**, 775; hot air in the treatment of joint-diseases, **xxix**, 155, 279; misapplied support to weak ankles of children, **xxxv**, 284, 358; modified Müller operation for flat-foot, **xliii**, 765; nailing a recent intracapsular fracture of the femur, **xlvii**, 469; obstetric fractures, **xxxiii**, 784; removal of a large loose fragment of bone from knee-joint, **xxxviii**, 124; treatment of pes valgus, **xxvii**, 375; twist drill bone-needle, **xxxvii**, 455.

- WILSON, LEWIS T.: Fracture of base of skull, **xliv**, 823.
- WILSON, THOMAS: Intermittent cysts of the ovary and kidney, **xxv**, 529.
- WILSON W. REYNOLDS: Injuries to femur during childbirth, **xxxiii**, 782.
- WINSLOW, KENELM: Approximation of the aponeuroses of the abdominal wall for the prevention and cure of hernia, **xxxix**, 245; symmetrical inflammation of the epiphyseal beak of the tibia, **xli**, 278.
- WINSLOW, R.: Cases of gastrotomy for cicatricial stenosis of oesophagus, **xxi**, 543; complete external dislocation at the elbow, **xxxi**, 595; diseases of the hyoid bone, **xlvi**, 575; gangrene of the scrotum after removal of enlarged inguinal glands, **iii**, 40; note on the repair of wounds of the ureter, **xxvii**, 46; report of eight cases of penetrating gunshot wounds of the abdomen, **xxviii**, 487; simultaneous distal ligation of right common carotid and right subclavian arteries for supposed innominate aneurism, **xliii**, 336.
- Winslow, foramen of, strangulated internal hernia into, **iv**, 442.
- WINTER: German statistics in prognosis and treatment of extra-uterine pregnancy, **xv**, 502; supravaginal amputation of the cervix uteri for carcinoma, **xv**, 501.
- WINTSCH, CARL HERMAN: Congenital protrusion of heart, stomach, and spleen—case of celosoma, **xliv**, 290.
- Wire for aneurism, introduction of, **iv**, 47, 163; filigree, hernioplasty, suture for, **xli**, 945.
- Wiring bones, **ii**, 501.
- Witzel's method of gastrotomy, **xix**, 238, **xviii**, 555, 638, **xxi**, 177.
- WLADIMIROF-MIKULICZ: Osteoplastic resection of foot, **v**, 161, 533, **viii**, 156, 296, **ix**, 234.
- WOLF, CHARLES L.: Delayed chloroform poisoning, **xlix**, 423; functional pathogenesis of deformities, **xxvi**, 136; method of skin transplantation, **x**, 260; use of Wolf grafts and tendon lengthening in treating cicatricial contractures, **xliii**, 278, 304.
- WOLF, HERMAN E.: Primary urethral calculus, **xli**, 242.
- WÖLFER: Surgery of the intestine and stomach, **xxv**, 640; surgical treatment of goitre, **xv**, 39, **xvi**, 156, 256.
- Women** (See Gynæcology, Obstetrics).
- Review of Books: Diagnosis of Diseases of Women, by Palmer Findley, **xxxviii**, 933; Diagnosis and Treatment of Diseases of Women, by Harry S. Crossen, **xlvi**, 950; Diseases of Women, by Thomas Mundé, **xv**, 157; Diseases of Women, by Sutton and Giles, **xxvi**, 653; Malformations of the Genital Organs of Women, by Debierre, **xlii**, 964; Manual of Diseases of Women, by Davenport, **xxxvi**, 160; Text-book of the Diseases of Women, by Garrigues, **xx**, 382; Text-book of Diseases of Women, by Penrose, **xxvi**, 653; Text-book of Diseases of Women, by Webster, **xlvi**, 164.
- WOOD, ALFRED C.: Transmesenteric hernia of the appendix vermiformis, **xlii**, 262; appendicular femoral hernia, **xliii**, 669; diagnosis and treatment of surgical affections of the kidneys, **xxv**, 1; esophagotomy for impacted coin, **xlvi**, 297; excision of multiple gouty deposits, **xxv**, 633; giant-cell sarcoma of forearm, **xlix**, 101; operative treatment of acute cholecystitis, **xxx**, 350; osteoplastic resection of the skull, with description of a modification of Stelwagon's instrument for performing this operation, **xlvi**, 645, 832; removal of loose cartilage from the knee-

- joint, **xxiii**, 204; of myxofibroma of neck, **xxv**, 638; results of castration and vasectomy for prostatic hypertrophy, **xxxii**, 309; sigmoid diverticulitis in a child, **xlvi**, 304; specimen of gastro-enterostomy for stomach carcinoma, **xl**, 285.
- WOOD, FRANCIS: Uretero-ureteral anastomosis, **xxix**, 593; the mixed tumors of the salivary glands, **xxxix**, 57, 207.
- WOOD, GEORGE B.: Amputation of the breast by Kocher's method, **xxvii**, 213.
- WOOD, WALTER C.: The treatment of flat-foot, **xvi**, 401.
- WOODWARD, S. B.: Cases of nephrectomy, **xxi**, 568.
- Wood-wool dressings for wounds, **i**, 71.
- WOOLSEY, GEORGE: Abscess of liver after appendicitis, **xlix**, 857; acute perforation of gastric ulcer, **xlix**, 858; acute diverticulitis of the sigmoid with intra-abdominal abscesses, **xlvi**, 150; acute intestinal obstruction from strangulation of Meckel's diverticulum, **xlvi**, 312; acute pancreatitis, cholelithiasis, **xlvi**, 144; advisability of early operation in intracranial hemorrhage of traumatic origin, **xlvi**, 451; aneurism of the aorta and subclavian, **xxxii**, 452; anomalies of kidney and uterus, **xlvi**, 125; balsam of Peru as therapeutic agent in the treatment of wounds, **xlvi**, 924; bullet wound of brain, **xlix**, 861; cancer of the mammae in males, **xix**, 87; carcinoma of the breast at sixteen, **xlvi**, 144; of the male breast, **xxxi**, 742; of the pancreas, **xxvii**, 371; of splenic flexure of the colon, **xlvi**, 151; of the stomach, **xlvi**, 928; cerebral concussion, **xlvi**, 939; Charcot's disease of the tarsal joints, **xlvi**, 120; cholecystectomy, **xxxix**, 272; complete extirpation of bladder for carcinoma, **xxxviii**, 445; considerations on abdominal incision, **xxvii**, 1; critical review of recent series of operations upon the stomach, **xlvi**, 763; cystic sarcoma of the kidney in an infant, **xlvi**, 161; cystotomy for large vesical calculus not demonstrated by the X-ray, **xlvi**, 766; diagnosis of abscess of the liver, **xxxiv**, 185; treatment, and, acute pancreatitis, **xxxviii**, 603, 726; of typhoid perforation, **xlvi**, 941; dorsal meningocele, **xlvi**, 140; endothelial tumors of the neck, **xl**, 270; enterorrhaphy for gunshot wound of intestines, **xxiii**, 423, 440; excision of the rectum for carcinoma, **xlvi**, 286; of tubercular cervical lymph-nodes, **xxix**, 614; fibroma and cyst of brain, **xxxvii**, 276; fracture of the fifth metatarsal bone, **xlvi**, 475; gastro-enterostomy for benign stenosis of pylorus, **xxxvii**, 940; gunshot wound of abdomen, **xxxiii**, 476; hemorrhage from the spleen, **xlvi**, 471; incision for exposure of gall-bladder, **xxix**, 759; intestinal obstruction following appendicitis, **xxxiv**, 708; intussusception, **xlvi**, 314; kidney tuberculosis, **xxxv**, 418; large branched calculus in each kidney, **xlvi**, 767; late suppuration after injuries of the skull, **xxxviii**, 117; Littre's hernia, **xxxvii**, 937; malpositions of the appendix, **xlvi**, 473; massage in the treatment of recent peri-articular fractures, **xxxii**, 351, 604; Meckel's diverticulum filled with seeds, **xlvi**, 764; method of drainage of the ankle-joint, **xlvi**, 619; multiple septic infarcts of the right kidney—nephrectomy, **xlvi**, 622; symmetrical lipoma, **xlvi**, 141; nephrectomy for abscess, **xxiii**, 292; observations on the diagnosis and treatment of typhoid perforation, **xlvi**, 652; observations on renal and ureteral calculi, **xlix**, 670, 718; operation for epithelioma



of the heel, **xliii**, 610; for harelip and cleft palate, **xxxix**, 283; for hypospadias, **xxxix**, 1008; operations for neoplasms of the tongue, **xl**, 630; for typhoid perforation, **xxxvii**, 287; operative treatment for acute abscess of the lung, **xlvi**, 474; treatment of cleft palate, **xliii**, 136; pancreatitis, **xl**, 961; perineal prostatectomy, **xliv**, 618; perforating typhoid ulcer, **xxxi**, 764; in the stomach, **xl**, 773; pin in the abdominal cavity, **xxxvii**, 949; pneumococcus peritonitis, **i**, 636; postoperative comfort, **xliv**, 116; postpuerperal psoriasis, **xxix**, 143; preliminary colostomy in operations for carcinoma of the rectum, **xlii**, 278; primary typhilitis without appendicitis, **xl**, 965; prostatectomy, 739, **xxxv**, 409; recovery from pistolshot wounds of intestine and stomach, **xxx**, 217; recurrent endothelioma of the parotid gland, **xxxviii**, 111; remarks on surgery of the kidney, **xxix**, 261; removal of cervical lymphomata, **xxix**, 355; renal calculi, **xliv**, 117; resection of intestine followed by end-to-end anastomosis, **xliii**, 149; rubber catheter in peritoneal cavity, **xxxviii**, 446; rupture of anterior tibial artery in simple fracture of tibia and fibula, **xxv**, 629; rupture of brachial plexus, **xxxix**, 1013; sarcoma about humerus, **xxxix**, 997; treated by means of mixed toxins, **xliii**, 612; sclerosis of the brain cortex, **xxxvii**, 274; secondary abscess following appendectomy for gangrenous appendicitis, **xliii**, 924; simple fracture of the carpal scaphoid, **xlvi**, 131; status of a case four months after right nephrostomy, **xl**, 460; stenosis of the pylorus in infancy, **xliv**, 121; sterilization of knives, **xxxiii**, 640; stone in the ureter, **xl**, 768; stricture of the œsophagus treated

by the string-saw method, **xxxi**, 243; suppurative nephritis; resection of both poles of the kidney, **xliii**, 919; the surgery of peritoneal tuberculosis, **xlvi**, 147; surgical affection of the kidneys, **xlvi**, 1059; procedure in cases of neurofibroma of the acoustic nerve, **xl**, 303; technic of operations for the radical cure of hernia, **xxv**, 627; thiosinamin in the treatment of keloids, **xxxiv**, 708; thrombosis of mesenteric artery, **xxxviii**, 111; thyroglossal cyst, **i**, 481; traumatic epilepsy, **xlvi**, 618; treatment of cicatricial stricture of the œsophagus by retrograde dilatation, **xxi**, 253, 306; of injuries of the spinal cord, **xxx**, 334; of false ankylosis by galvanic current, **xxix**, 627; of fracture of the patella, **xxviii**, 262; of fractured patella, **xxxiii**, 196; of fractures of the spine, **xxv**, 103; of paralytic talipes calcaneus by astraglectomy and backward displacement of the foot, **xlvi**, 291; of renal tuberculosis, **xxvii**, 85; of rupture of spine and cord injury, **xxi**, 484; of stricture of the œsophagus, **xxxviii**, 105; trephine openings in the skull closed by gold-foil, **xxv**, 630; tumors of the parotid, **xxxi**, 732; typhoid, with double perforation of the ileum and perforation of the gall-bladder, **xl**, 141; typhoid perforation of the ileum, **xliii**, 446; tuberculosis of testicle, **xli**, 782; two cases of interscapulothoracic amputation, **xxxix**, 997; ulceration of innominate vein from pressure of tracheal canula, **xl**, 963; undescended testis, **xxxiv**, 296; use of celluloid plate after trephining, **xxviii**, 133; use of gloves in operative surgery, **xxviii**, 136; ventral hernia, **xxxix**, 1005; after operations for appendicitis, **xxix**, 626; wounds of the liver,

- xli, 141; wrist injuries, results of X-ray examinations in cases of, **xl**, 284.
- Wounds** (see Digital, Drain, Gunshot, Stab).
- Abdomen of, **i**, 184, **iv**, 240, 344, 468, 475, 528; gunshot, **ii**, 420, 422; spine and, healed gunshot, **iv**, 447 (see Abdomen, wounds of).
- Abdominal, ideal dressing for, **xv**, 496; organs, parenchymatous, of, **vi**, 432.
- Abundant secretions, with, treated by sterilized sponge, **xiii**, 130.
- Accidental healing under moist blood-clot, **xvii**, 276.
- Brain, of, drainage in, **ii**, 15.
- Castration after, treatment of, **v**, 8.
- Chest, of, involving internal mammary artery, **ix**, 365.
- Closure of, without suture, **xxxii**, 446.
- Dangers and efficiency of modern treatment of, **ix**, 448.
- Diphtheria, of, **xviii**, 455.
- Disinfection of fresh, **xx**, 471; of septic, **xviii**, 455.
- Drainage of, **xiv**, 278; of fresh, methods of dispensing in the treatment of, **i**, 87; primary union of, and, **vii**, 72.
- Dressing, dry, **iii**, 122, **xliv**, 743; glycerine as a, **iii**, 253; sawdust as a, **iii**, 340; sticky gauze, **iii**, 523; sugar as a, **iii**, 93.
- Dry treatment of, **xii**, 241.
- Experimental investigations in the infection of, **xx**, 470; studies in the treatment of infected, **xx**, 472.
- Femoral vein, of, suture of, **v**, 258.
- Genitals, of female, **xii**, 79.
- Gunshot, **ii**, 332, 422; of head, **iii**, 522; indication for excision of joints after, **v**, 326; of palate, **v**, 351.
- Head of, **vii**, 217; penetrating, **vi**, 60.
- Healing of, the relation of the technic of nurses and of hospital apparatus to, **xliv**, 431; under moist blood-clot, **v**, 419.
- Infection, conditions underlying, **xv**, 308; results of the absorption of the products of, **xiii**, 445; suppuration, and, **xiii**, 284.
- Intraperitoneal, prevention of adhesion from, **xiii**, 71.
- Knee-joint, of, **iii**, 528.
- Liver, of, **v**, 224, 236.
- Micro-organisms in operative, under antiseptic dressings, **v**, 532.
- Modern weapons from, **xliv**, 742.
- Operative, experimental research into primary bacterial contents of, **xliv**, 727.
- Palate, of, gunshot, **v**, 351.
- Pancreas, of, **v**, 330, 335.
- Principles involved in the immediate hermetic sealing of aseptic, **xxxi**, 450.
- Probing granulating, **ix**, 353.
- Scalp, fatal, **i**, 277.
- Stomach, of, **i**, 364; intestine, and, laparotomy for gunshot, **v**, 148, 150, 151, 154, 155, 156, 371; surgery of, **v**, 8, **ii**, 92, 148, 150, 151, 154, 155, 156, 258, 263, 326, 351, 371, **vi**, 49, 165, 168, 324, 364, 505, 507, **viii**, 49, 53, 81, 127, 137, 139, 140, 141, 143, 145, 146, 147, 149, 152, 153, 154, 190, 213, 220, 236, 257, 291, 298, 303, 313, 476.
- Suppurating, aseptic treatment of, **xxii**, 531.
- Tannic acid as a dressing for, **vi**, 144.
- Tetanus from umbilical, **ii**, 88; infectious nature of, **vii**, 206.
- Transplantation of large skin-flaps to fresh, **ii**, 426.
- Treatment of aseptic, without bandages or dressings, **xxiv**, 80; of by capillary drainage, **i**, 60; at the Strasburg clinic, methods of, **iii**, 93.
- Reviews of Books: Aseptic Wound Treatment, by Neuber, **v**, 92; Aseptic Wound Treatment, by Schimmelbusch, **xvi**, 185; Modern Treatment of Wounds, by Summers, **xxxi**, 300. Nursing of Wounds, by Wernich, **vii**, 310; Treatment of Wounds, by R. T. Morris,

- v, 92; Treatment of Wounds, by Nussbaum, vii, 236; *Idem*, by Schaechter, vi, 306.
- WREDER, R.: Etiology of cystitis, xviii, 589.
- Wrench in club-foot, Thomas's ix, 101.
- WRIGHT, G. A.: Erasion or arthrectomy of the knee-joint, x, 401; ligature of subclavian artery for axillary aneurism, viii, 362.
- WRIGHT, J. S.: Knee-joint exsection, xv, 431; treatment of cancer of the breast, xxii, 451.
- Wrist, deformity following fracture at the, xxxiii, 202.
- Excision of the, xxxiii, 58.
- Ganglions, ii, 331.
- Injury involving forward dislocation of the semilunar bone, xxxiv, 291, 297.
- Joint, excision by Mynter's method, xxxii, 360; iodoform treatment of tuberculosis of, xxix, 394; method for resection of, xi, 279; osteoplastic excision of the, xxix, 256; resection of, xxxii, 618; for tuberculosis, xxvi, 517; supuration of, as sequel to typhoid fever, xxxii, 135; tuberculosis, relation of the os magnum to, xxxii, 278; Bier's treatment of, xxxviii, 106.
- Neuropathic affections of, vi, 91.
- Resection of, vi, 45; by the lateral incision, xlv, 102; for tuberculous disease of, vi, 52.
- Synovial cyst of, vi, 171.
- Tuberculous synovitis of tendinous sheaths of hand, and, iv, 444.
- Wry-neck, i, 580, vii, 252, xxxiii, 793.
- Muscular, xxvi, 383; congenital, xvi, 277.
- New operation for spasmodic, xiii, 44.
- Postoperative treatment of, xxxiii, 275.
- Spasmodic, xvi, 466, 467, 468, 469; Keen's operation for, xxxiv, 428.
- WULLSTEIN: Modifications of the sectio alta, xlvi, 949; resection of the liver, xlvi, 937.
- WÜRTZ, FELIX: Biographical sketch of, xxiv, 505.
- WYETH, J. A.: Amputation of penis, xx, 179; appendicitis, xvii, 200; case of anthrax, xx, 83; cases of cholecystotomy, xix, 678; of trephining for relief of epilepsy, xvii, 332; coccygeal tumors, xx, 172; cure of sarcoma by erysipelas inoculations, xxv, 176; diagnosis of abdominal tumors, xvii, 340; drainage after suprapubic cystotomy, xvii, 451; fracture of phalanx near epiphysis, xlii, 761; frequency of recurrence of sarcoma, xxxiv, 375; hæmostasis in amputations at the shoulder-joint, xxi, 302; hypertrophied mammary gland in a boy, xix, 497; intestinal obstruction following appendicitis, xix, 678; laminectomy after spinal fracture, xxi, 48, 51; ligature of internal carotid artery, vi, 111; mental symptoms following upon the use of continuous suprapubic drainage of the bladder, xvii, 65; method of hæmostasis in amputation at the hip and shoulder, xlv, 98; multiple epithelioma, xix, 609; operations on the spinal cord for the relief of paraplegia, xx, 153, 184; report of sixty-nine cases of hip-joint amputation by author's method, xxv, 129, 178; rest in bed after laparotomy, xxv, 174; results of operations for cancer, xx, 75; for sarcoma of bone, xxxiv, 599; stenosis of cesophagus, relieved by gastrostomy, xxi, 306; strangulated hernia of Fallopiian tube, xix, 618; strangulated obturator hernia, xvii, 57; thoracoplasty, xvii, 447; treatment of obstructive prostatic enlargement, xx, 173; trephining for brain tumor, xix, 688; for epilepsy, xix, 617; ultimate results of operations for appendicitis, xxi, 311; varicose aneurism of hand, xix, 684; wandering dermoid tumor, xxi, 308.

## X

**Xanthoma infantum**, xxxix, 460.  
**X-ray or rays**, action of, on carcinoma, xxxvi, 293.  
 Burns and their treatment, xxxiv, 808.  
 Dermatitis followed by multiple carcinomata, xli, 949.  
 Detection of kidney stones by, xxxv, 421.  
 Diagnosis of bone diseases, xxxiv, 753; of renal calculi, xxxix, 748.  
 Effect upon glandular tissue, xliii, 431, 460; upon goitre, xlix, 578.  
 Findings in case of bone cyst, xxxv, 505; in case of Gritti-Stokes amputation, xliii, 751.  
 Foreign bodies embedded in the tissues, localization of, by, xxxviii, 478.  
 Kidney, calculi in, detected by, xxx, 344.  
 Mixed toxins, with, in treatment of sarcoma, xli, 770, 771.

Nephrolithiasis, diagnosis of, by, xxxiii, 239, 343.  
 Orthopaedic surgery, in, xxxi, 266.  
 Photographs, stereoscopic use of, xxxv, 455.  
 Photographic technic, xxxiv, 560.  
 Renal stone, value of, in diagnosis, xlvii, 1056.  
 Surgical uses of the, xxxi, 263.  
 Surgery, in, value of, xxxiii, 749.  
 Treatment in carcinoma, xxxvi, 452; diagnosis of lithiasis of urinary tract, xlii, 864; failure of, to benefit sarcoma of pelvic organs, xlii, 132; favorable effects of, in sarcoma, xlii, 134; final results of, of carcinoma, xlii, 799; malignant tumors, of, xxxvii, 433; postoperative, of malignant disease, xlvii, 254; use of, in carcinoma, xlii, 910.

## Y

**YALE, LEROY M.**: Remarks on excision of the hip, iii, 8.  
**YATES, JOHN L.**: Carcinoma of the appendix vermiformis, xliii, 472; case of intussusception, xli, 307; sarcoma and myoma of the stomach, xlii, 599, 639.  
**YOUNG, HUGH H.**: Cancer of the prostate, I, 1134; conservative perineal prostatectomy, xli, 549; genital tuberculosis, xxxiv, 601; resection of seminal vesicles, vasa deferentia, and half of the bladder, xxxii, 557; surgery of the lower ureter, xxxvii, 668.  
**YOUNG, JAMES K.**: Anastomosis of the external and internal popliteal nerves for infantile paralysis, xlii, 453, 455; apparatus for determining

asymmetry of the lower extremities, xxxix, 1032; birth dislocation of humerus, with paralysis of arm, xlii, 777; cases of loose body in the knee-joint, xl, 142; coxa valga, xlii, 125; dislocations of the semilunar cartilages of the knee-joint, xxviii, 532; dislocation of a vertebra, xlii, 459; double hip ankylosis, xxxvi, 287; excision of the clavicle with perfect functional result, xlvii, 823; fracture-dislocation of the atlas without symptoms of spinal cord injury, xlv, 634; fracture of the proximal end of the fifth metatarsal bone, xlvii, 826; infections of knee-joint, xlii, 139; laminectomy for fracture of vertebra, xlii, 776;

for paraplegia, the result of tuberculous disease of the spine, **xliii**, 313; for tuberculosis of the spine, **xlv**, 303; modified Müller operation for flat-foot, **xliii**, 706; multiple neuromata of the arm, **xl**, 422; myositis ossificans, **xxxvii**, 958; operations for cleft palate, **xxxix**, 1030; ostentotomy for bow-leg, **xxxvi**,

450; for adolescent rhachitis, **xliv**, 453; oxygen and ether as an anæsthetic, **xxviii**, 279; relation of the technic of nurses and of hospital apparatus to the healing of wounds, **xliv**, 456; sabre-blade deformity, **xliv**, 126; fracture of the greater tuberosity of the humerus, **xlv**, 968; use of electric heating-pads during operations, **xl**, 154.

## Z

Zinc chloride in inoperable tumors, **xxxiii**, 89.

Zinco-cyanide of mercury, as an antiseptic, **xi**, 467.

Zinc-paste dressing, Secin's, **xli**, 223.

ZINTSMaster, L. B.: Tuberculosis of tongue resembling carcinoma, **xxxvii**, 53.

Zurich Clinic, operations on kidney in the, **xxxvi**, 642; statistics of operations for strangulated hernia at the, **xxiv**, 102.

ZWALenburg, C. VAN.: Relation of mechanical distention to the etiology of appendicitis, **xli**, 437.



